Nexfor Fraser Papers

Carleton License 9

Management Plan - 2002

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March 28th, 2002

Mr. Jacques Levesque
Regional Director, Region 4
New Brunswick Department of Natural Resources and Energy
21 Costigan Street,
EDMUNDSTON, N.B.
E3V 1W7

Subject: 2002-2006 License 9 Forest Resource Management Plan

Dear Mr. Levesque:

Please find attached the final version of the License 9 2002-2006 Management Plan. All revisions suggested by DNR&E have been incorporated.

The revised document is in two parts:

Part A : Part A is the final version of the License 9 Management Plan Document. Please replace pages vii to 51 of the document you have in hand with the pages in part A.

Part B : Part B consists of Appendix 17 and Appendix 18, which were not included with the previous submission. Please place the pages in part B after the appendices previously submitted.

If you have any questions or concerns, please do not hesitate to contact me.

Yours Sincerely,

Jody Jenkins, R.P.F.
Management Forester
Nexfor Fraser Papers Inc.

Part A

Executive Summary

Under directive of the New Brunswick Crown Lands and Forests Act, Fraser Papers has prepared of a management plan for Crown Timber License #9, the Carleton License. This plan, effective April 1, 2002 provides an 80-year forecast of timber and habitat supply. It includes a set of maps identifying specific harvest blocks for the next 25 years, and wildlife habitat areas. The objective of this plan is to achieve the goals outlined in the document *A Vision for New Brunswick Forests*.

The highlights of this management plan are:

1. Total spruce-fir annual allowable harvest was calculated to be 141,904 m^3. The sustainable hardwood harvest was calculated to be 113,174 m^3. The sustainable harvest levels for the Carleton License are summarized in Table1.
2. The area under special management for Wildlife includes 17,157 ha for Critical Deer Winter Habitat and 4,532 ha of Old Spruce-Fir habitat.
3. There are 8,130 ha of riparian buffer zones identified on License 9. From these special management areas, there is an expected timber harvest of 5,884 m^3 of spruce-fir and 3,328 m^3 of hardwood.
4. The silviculture levels required to achieve the calculated annual harvest levels are 500 ha of planting per year, 1,271 ha of pre-commercial thinning per year as well as the required maintenance work (plantation cleaning and herbicide application) to ensure plantations grow as intended (Table 2).
5. All vegetative community objectives were met across the license.
6. In this plan, genetic gain from tree improvement programs has been incorporated into the yield curves for post-1992 plantations.

Table 1. Summary of average 2002-2006 spatial harvest levels[4] by management unit.

Landbase	Blocked Timber Supply (m^3 /year)				
	Spruce-Pine Fir	Hardwood	Cedar*	Pine	Hemlock
General[1]	116,921	94,503	7,987	784	1,545
DWA[2]	15,791	13,315	124	459	283
OSFH[1]	3,308	2,028	274	34	47
Buffer[1,3]	5,884	3,328	731	27	68
Total	141,904	113,174	9,116	1,304	1,943

* Cedar volumes from DWA are reduced 90% from modeled levels. As cedar is not normally harvested in the DWA forest, this volume will be produced from road right of ways.

[1] General Forest, OSFH and Buffer Harvest harvest levels are averaged over the period 2002-2026.

[2] DWA volume reported is for 2002-2006. This short term harvest level is required to meet long range deer habitat objectives.

[3] General forest buffer volume only. OSFH Buffer volume is reported under OSFH.

[4] All Harvest levels incorporate an operational net-down as described in Section 3.3.3.

Table 2. Summary of 2002-2006 silviculture levels by management unit.

Landbase	Silviculture Treatments (ha/yr)		
	Planting	Spacing	Total
General	420	1,014	1,435
DWA	67	*231	204
OSFH	13	25	37
Buffer	0	0	0
Total	500	1,271	1,771

* DWA spacing levels are modeled at 136 ha. per year. 95 ha. per year has been added to the modeled total to account for browse production spacing proposed in the management plan for DWA ML 363301. Actual levels of this browse production spacing will be determined through field surveys of the proposed sites.

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1.0 Background

1.1 Requirements of the Crown Lands and Forest Act

Management of Crown lands in New Brunswick is governed by the Crown Lands and Forests Act, which was adopted in 1980. The Act provided for the partition of all Provincial Crown forest lands into 10 Timber Licenses. Each License was assigned to a major forest company that assumed management planning responsibilities that would be subject to the administrative review of the New Brunswick Department of Natural Resources and Energy (NBDNRE). Each Licensee must prepare management plans for their respective timber license(s) that outline strategic and operating plans for both non-timber and timber objectives set forth by the Provincial Government.

Each management plan identifies sustainable harvest levels for timber and forecasts long-term forest indicators for an 80-year period and includes maps identifying the sources of habitat and timber supply for a minimum of 25 years to ensure their availability for future generations. Management plans were first prepared in 1982 and Licensees must revise them every five years. From the management plans, Licensees prepare annual operating plans to outline forest management activities that will occur on the ground during any particular year of the 5-year period.

Every management plan is assessed and must meet the approval of the NBDNRE. At the end of the five-year period of a plan, the success of plan implementation for each License is measured and Licensee is evaluated against specific criteria. Timber license extensions are dependent upon successful review of the management planning and forestry activity performance.

Fraser Papers Inc. has prepared this plan for the Carleton Timber License (#9) according to NBDNRE standards. It will become effective April 1, 2002.

1.2 Summary of the 1997 Management Plan

The previous management plan for the Carleton License #9 covered the period from 1997 to 2022. The area of Crown License #9 at the time of the plan was 134,000 hectares, of which 127,096 hectares was productive forest area. The productive forest in the 1997 plan was divided into five management units that covered the following forest areas:

1. Spruce, Fir and Jack pine Forest
2. Hardwood (Tolerant and Intolerant) Forest
3. Deer Winter Habitat Management Unit (DWAMU) Forest
4. Mature Coniferous Forest Habitat (MCFH) Forest
5. Watercourse Buffer Forest

Table 3 shows the level of harvest from each landbase as outlined in the 1997 management plan.

The spruce fir and jack pine forest was made up of the softwood, the softwood hardwood, and the hardwood softwood broad cover types. The management objective for the

general forest was to maximize the long-term sustainable supply of hardwood and softwood timber. This was accomplished through the queuing of stands for harvest to minimize tree mortality and planning appropriate silviculture activities.

The hardwood forest was managed to maximize the sustainable volume of hardwood veneer and logs while extracting softwood for Timber Stand Improvement. This objective was accomplished through the use of uneven aged management techniques.

The DWAMU forest included 66 individual DWAMU's covering 17,992 hectares of forest. The objective for this forest area was the maximization of the sustainable supply of Deer Critical Winter Habitat. Management plans were prepared to cover 9706 hectares of DWAMU.

The MCFH forest was comprised of 5 individual MCFH areas. The objective was to maintain a minimum of 5,131 hectares of MCFH habitat, in a condition that met NBDNRE criterion. The objective was met through careful planning of harvest activities in the MCFH forest.

The watercourse buffer forest covered forests adjacent to streams with a defined channel greater than 0.5 m in width. The objective of the buffers was to act as filter strips and provide protection for water quality, aquatic habitat and act as wildlife travel corridors.

Biodiversity concerns were addressed for the first time in the 1997 management plan. The objective for biodiversity required that the area of the four broad forest cover types should not fluctuate by more than 10 percent throughout the 80-year planning horizon.

Table 3 Summary of the 1997 blocked timber supply volumes on License 9

Landbase	Primary Volume and Fallout			
	Spruce, Fir & Jack Pine (m^3/yr)	Hardwood (m^3/yr)	Cedar (m^3/yr)	Pine (m^3/yr)
Softwood	114,650*	46,700	8,040	2,575
DWA	11,800	2,700	0	0
MCFH	1,500	900	0	0
Buffers	2,250	0	0	0
Sub-Total	130,200	50,300	8,040	2,575
Hardwood	31,875	45,900	1,180	1,210
Cedar**	0	0	0	0
Pine**	0	0	0	0
Grand Total	162,075	96,200	9,220	3,785

* Two-Pass harvest represents 4,485 m^3 of this volume.

** Pine and Cedar was not blocked separately; volumes appear in softwood and hardwood blocks.

1.3 Management Planning Objectives for 2002

The goals and objectives for the 2002 management planning process are outlined in *A Vision for New Brunswick Forests: Appendix 2 – Goals and Objectives for Crown Land Management*. The document sets forth the direction to be followed in the management of Crown lands in New Brunswick, based upon the National Forest Accord. The document outlines policy goals, strategies, and actions that provide the People's perspective on management, as well as specific objectives that must be met in the 2002 Crown Land Management Plan by each licensee. These objectives include:

Forest Ecosystems: This objective has been strengthened by including an increased array of habitat types and vegetative communities, thereby increasing the accounting of diversity of the forest ecosystems. The objective requires that individual vegetation communities be maintained at 12% of their area as defined in the 1982 provincial forest inventory for the 80-year planning horizon. Forest ecosystems will be further protected through preservation of sites of high ecological, historical, cultural or scenic value when New Brunswick's Protected Areas Strategy (PAS) is implemented.

Wildlife Habitat: Five distinct habitat types were defined for New Brunswick forests: Hardwood, Tolerant Hardwood, Spruce-Fir, Pine and Mixedwood. Ecoregion specific habitat objectives were developed by NBDNRE for each Crown Timber License. Licensees must prepare specific habitat management plans for each deer wintering area (DWA) designated for harvest on the license. Two habitat types occurring in these areas have been identified as important to winter survival of deer: Moderate Winter Deer Habitat (MWDH) and Severe Winter Deer Habitat (SWDH). The primary management objective in DWAs is the maximization of long-term sustainable supply of deer winter habitat.

Watercourse Buffers: Watercourse buffer zones are designated to protect water quality and aquatic habitat. They range from 30 to 100 m wide along any watercourse with a channel of 0.5 metres and wider. Timber harvesting is permitted within buffer zones where it does not compromise the buffer zone function.

Public Values and Uses: The government must provide consultation opportunities for individuals and special interest groups on Crown Land management objectives.

Aesthetics: Aesthetic buffer zones 30 metres wide will be maintained along all provincial highways that abut Crown Forest Land.

Timber: Timber supply is treated as a residual objective after all non-timber objectives have been met. After such consideration, the goal is to maximize long-term economic benefits from sustainable timber supply. Silviculture treatments, planting and spacing, are used to improve forest productivity and support current sustainable wood supply and future increases.

1.4 Public Input

In addition to the public consultation process used by the government in receiving comments on the document "*A Vision for New Brunswick Forests*", the licensee is required to solicit public views on how management plan objectives will met, giving sufficient opportunity for all stakeholders to participate. Public input will be sought for

management plan implementation as Fraser extends its Regional Forest Advisory Committee (FAC) process to the Crown Timber License #9 area. The process has worked well for Crown Timber License #10 with 3 committees in Edmundston, Plaster Rock and St. Quentin.

1.5 Management Planning Procedures

Forecasting of future wood supply is a complex process that includes non-timber use objectives. The complexity of the process makes it necessary to use a computer model able to use the forest inventory as a starting point, define how change occurs and then forecast the effects of forestry activities on indicators of forest condition. Such indicators include wildlife habitat availability, forest cover type change and timber supply. The wood supply modeling software chosen by Fraser Papers for analysis was Woodstock Version 2.5 developed by Remsoft. Details on this software and its use are available from the manufacturer and NBDNRE.

The management planning process is illustrated in Figure 1. It starts with redefining objectives from previous plans and incorporating any new information about the forest and forest change.

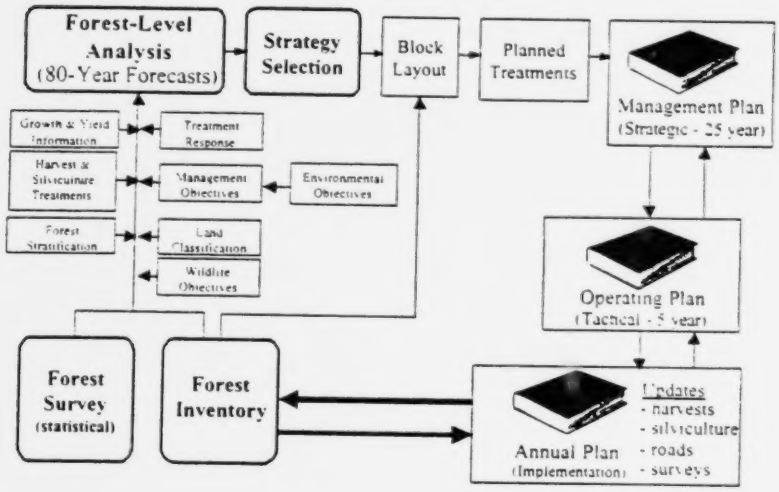

Figure 1. Forest management planning process.

Appropriate forest strategies that meet all land-use objectives are evaluated for operational feasibility. A strategy is selected that can be implemented on the ground. Consideration must be given to terrain conditions, special area restrictions, seasonality of forest operations, wood processing facility requirements, and manpower availability among other things. Forest companies must be able to do what is planned.

2.0 Present Land Base Description

2.1 Forest Inventory

2.1.1 Area Description

License 9 is located in western New Brunswick, stretching up the St. John River Valley from Meductic to Grand Falls, and as far east as McGivney (Figure 2). It is located in Carleton, Victoria and York Counties and covers an area of 133,245 hectares of Crown

Figure 2. Location of Crown Timber License #9 in New Brunswick. The area indicated shows the extent of the limits. Not all area included is Crown Forest.

land. Figure 3 shows the breakdown of productive versus non-productive land. Figure 3 shows the respective areas of each of the lanbases tnat make up the Carleton License. It shows that 125,926 hectares (94.5 %) of the License is made up of productive timberland, which is the focus for this management plan. Figures 4 and 5 indicate the types of forest land and cover types on the license.

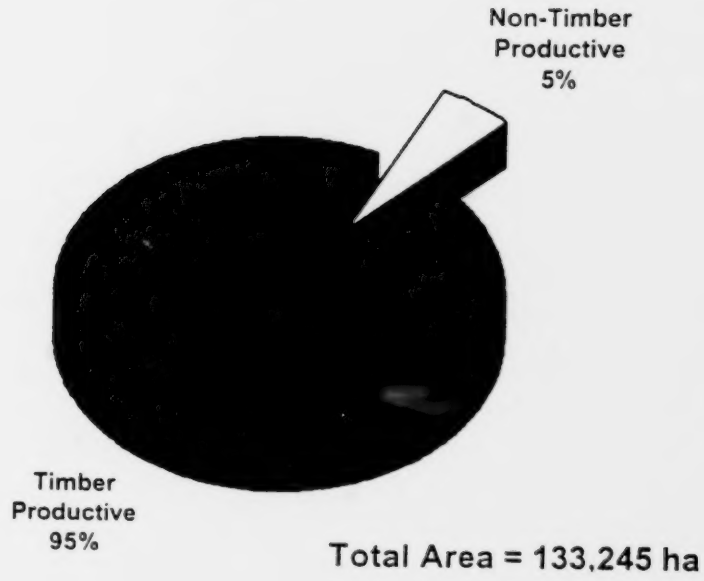

Figure 3. Productive forest area of the Carleton Timber License.

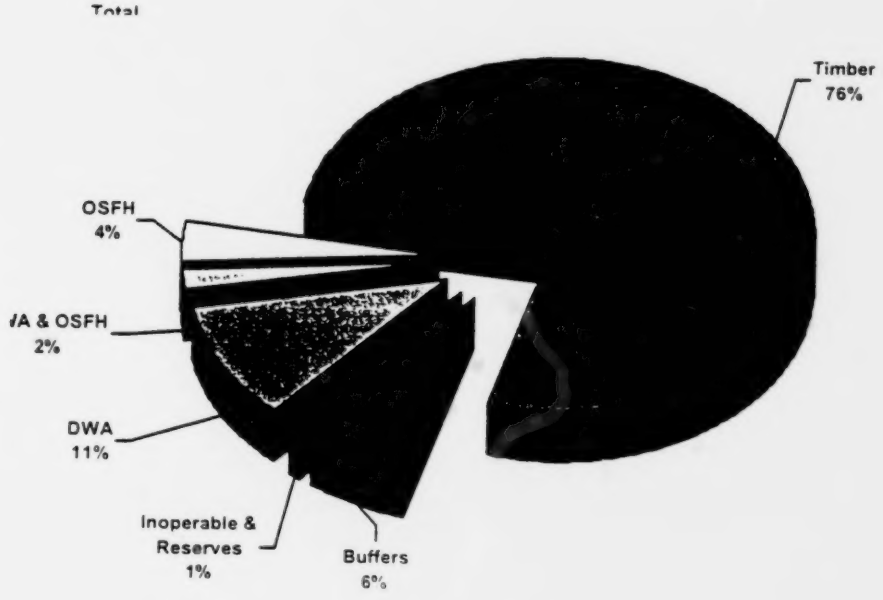

Figure 4. Summary of the Carleton License #9 landbase by primary management objective

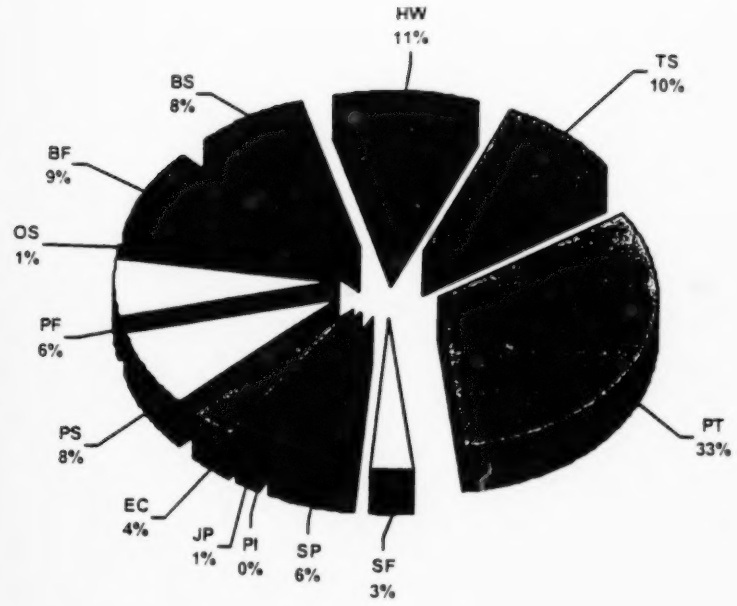

Figure 5. Composition of License 9 Productive Forest by vegetation community type.

2.1.2 Age Class Distribution

The age class structure on Crown Timber License 9 is characteristic of New Brunswick forests. It is displayed in Figure 6.

The softwood dominated strata types show a very unbalanced age class structure. The majority of the area in these strata occurs in either the mature and overmature (greater than age 65) forest types, or in regenerating and young (less than age 25) development stages. Very little area on the crown license exists between age 30 and 55. This age class structure is the result of historical natural disturbances and forest harvesting without attention to appropriate silviculture practices to ensure forest productivity. Since the early 1980's, care has been taken to manage harvest levels and improve forest regeneration. This is evident in the amount of managed forest below 25 years of age. The existing age class structure presents a challenge to future forest management and requires control of forest losses to natural mortality. Harvesting suitable oldest stands first without compromising forest biodiversity objectives is necessary to allow young stands to mature to a higher timber yielding condition before being harvested.

The tolerant hardwood strata types show an age class concentrated between 65 and 105 years of age. This is typical due to tolerant hardwoods allowing a management technique

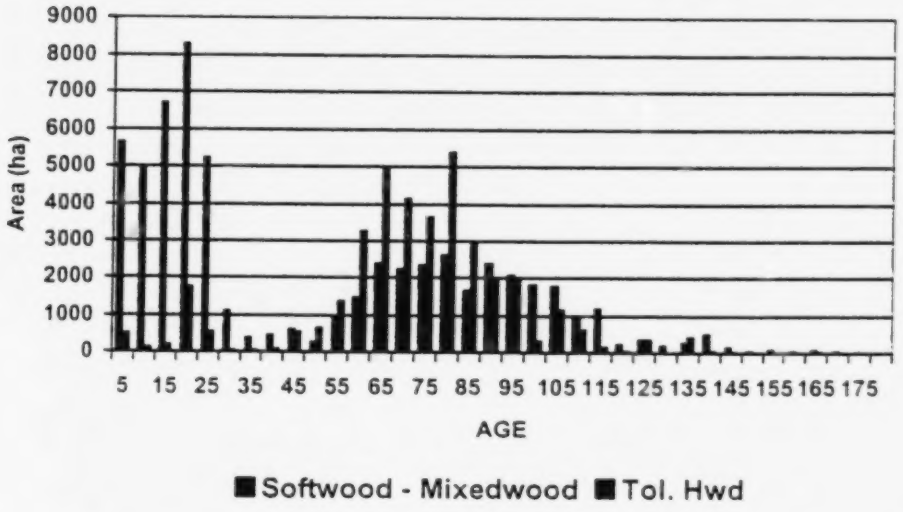

Figure 6. Age class distribution of the Carleton License.

that permits maintenance of a continuous forest cover. Tolerant tree species generally have the ability to regenerate under a forest canopy.

2.2 Forest Stratification

In order to create a manageable forest model stands on the license must be grouped into strata having similar attributes. The stratification process requires a detailed examination of both the forest inventory and the growth and yield information for each cover type. Forest stands were grouped according to attributes such as, species composition, stage of development, density and site productivity. Yield characteristics of each grouping were then calculated using the STAMAN growth model. Analysis of STAMAN yield projections were used to further group stands. Managed and unmanaged forest stands were each treated separately due to different expected growth patterns.

Vegetation community and ecoregion were used to separate unmanaged stands, while managed stands were grouped by treatment type and ecoregion.

Further divisions of each of the initial strata was investigated in a hierarchical process in the following order:

1. Ecodistrict
2. Development Stage
3. Crown Closure
4. Site

Groupings of forest stands were investigated until satisfactory yield curves were made for all strata warranting separation. In several cases data limitations prevented finer strata from being created. A significant difference between two strata was defined as:

1. More than 15 years difference in the timing of peak volume
2. 30 m^3 or greater difference in the peak volume

In special cases, when no significant differences could be found using the standard stratification divisions listed above, separation by ecosection and species percentage was investigated. Ecosection was used on some tolerant hardwood strata while species percentage was used on some cedar strata.

A full description of the final strata selected for this management plan can be found in Appendix 3.

2.3 Yield Curves

Each strata required a yield curve to describes its change over time with respect to timber volume by species, habitat suitability, average tree size and vegetation community. Yield curves were developed using growth projection models to forecast stand change. Yield curves for this plan were developed using the following growth and yield models:

1. ESTAB: For forecasting the early development of regenerating stands. It is used primarily to design the regeneration condition on predicted yield curves.

2. STAMAN: For calculating periodic increment and survival of trees within a stand to project stand change as it ages. This model was used to process the data from the New Brunswick Growth and Yield Unit database to create the yield curves for the existing mature stands and stands having been established prior to 1982 through silviculture treatments. In addition, this model was used to forecast the development of the regenerating yield curves from the output of the ESTAB model.

All Post-1982 Silviculture yield curves were reused from the 1997 Carleton License management plan without any changes.

A complete set of the yield curves used in this plan is shown in Appendix 4.

2.4 Description of Harvest and Silviculture Treatments

Implementation of this forest management plan will include many treatment possibilities to effectively manage the variety of forest types that exist. The silviculture and harvest treatments used in this plan are described in Table 4. The process used for developing and assigning silviculture treatments is explained in Appendix 5. Stand growth response from harvest treatments is described in Appendix 6.

Table 4 Summary of harvest and silviculture treatments for the Carleton License 9.

Treatment Code	Map Code	Treatment Name	Treatment Description	Stand Type Eligibility
SWCC[4]	CC	SW Clearcut	Removal of all merchantable stems of all species.	BF, BS, JP, PF, PS, SF and SP Stand Types
SWR*		SW Removal	Removal of all merchantable softwood from Pure Tolerant Hardwood stands	All Natural Pure Tolerant Stand types
CECC[4]	CC	Cedar Clearcut	Removal of all merchantable stems of all species.	All EC stand types having <50% EC composition.
ECPC	ECPC	Cedar Selection	Removal of 30% of total volume across all species	All EC stand types having >50% EC composition.
CBFR	ECPC	Cedar Fir Removal	Removal of mostly fir and minimal amounts of spruce and cedar (not exceeding 30% of total volume) from EC stands > 105 yrs of age	All EC stand types having >50% EC composition.
HWCC*	CC	HW Clearcut	Removal of all merchantable stems of all species.	All non-quality HW, TS and & PT stand types**
SHWD	HWSH	HW Shelterwood	Removal of up to 50% of the merchantable stems of all species. 10 years later remove overstory	All non-quality TS & PT stand types
PC	HWPC	HW Partial Cut	Removal of 30% of total volume across all species	All quality TS & PT stand types

Treatment Code	Map Code	Treatment Name	Treatment Description	Stand Type Eligibility
TPS	TWPS	Two-Pass	Removal of 30% of total volume in stands targeting Balsam Fir first. Eligible for Clearcut in 10 years.	Eligible HW, PS, SF, SP and TS stand types***
CT1	CT	Commercial Thin 1 BS Plantations	Removal of 40% of the total merchantable volume. Remaining stand eligible for CT2 after 15 years or Clearcut after 20 years	All Post 1982 Black Spruce Plantations
CT2	CT	Commercial Thin 2 BS Plantations	Removal of 40% of the total merchantable volume. Remaining stand eligible for Clearcut after 20 years	All Black Spruce Plantations with previous CT1 treatment
CT3	CT	Commercial Thin 3	Removal of 40% of the total merchantable volume. Remaining stand eligible for Clearcut after 20 years	All White Spruce Plantations
CT4	CT	Commercial Thin 4	Removal of 40% of the total merchantable volume. Remaining stand eligible for Clearcut after 20 years	All Post 1982 SW Pre-Commercial Thinned Stands
CT5	CT	Commercial Thin 5	Removal of 40% of the total merchantable volume. Remaining stand eligible for Clearcut after 20 years	All Pre 1982 Spruce Plantations
CT6	CT	Commercial Thin 6	Removal of 40% of the total merchantable volume. Remaining stand eligible for Clearcut after 20 years	All Pre 1982 SW Pre-Commercial Thinned Stands
SWTH		SW PCT	Reduction in stand density to enhance diameter growth (non-commercial). Post density – spruce fir dominated with less than 20% HW. SW response.	Softwood stocking >60%
SHTH ISTH		Mixed PCT SW&IH	Reduction in stand density to enhance diameter growth (non-commercial). Post density – spruce fir& red maple white birch dominated. SH HS response. IH species dominant HWDs	Softwood stocking >60% and Hardwood stocking >60%
TSTH		Mixed PCT SW&TH	Reduction in stand density to enhance diameter growth (non-commercial). Post density – spruce fir& red maple sugar maple yellow birch dominated. SH HS response. TH species dominant HWDs	Softwood stocking >60% Hardwood stocking >60%
PTTH		HW PCT	Reduction in stand density to enhance diameter growth (non-commercial). Post density – hwd dominated with less than 20% SW. HW response.	Hardwood stocking >60%
PL FIPL		Planting (Fill Full)	Restocking productive forest land to 2000 trees ha (black spruce, white spruce)	Area stocking to <75% commercial species.
PLCLN		Fill Plantation Cleaning	Reduction in stand density to release planted stock from hardwood competition and enhance diameter growth (non-commercial). Post density – spruce fir dominated with less than 20% HW SW response.	All Fill planted Areas.

* *This treatment is a separate agreement between DNRE and Fraser Papers. Candidate stands are located operationally with softwood less than or equal to 20%, and tolerant hardwood greater than or equal to 70%*

** *Clearcut may only occur if a stand does not conform to the Tolerant Hardwood Policy*

*** *Balsam fir content must be between 10% and 30% to be eligible*

^ *All Stands receiving full harvest were modeled with the clearcut treatment. Blocks having sufficient advanced regeneration to receive overstorey removal will be identified in the annual operating plan*

2.5 Post Treatment Regeneration Response

In order to reasonably forecast forest development, it was necessary to have a good understanding of how stands regenerate after harvest treatments. This was done using historical response data to create a stand transition matrix for each yield curve. The transition matrix specified the percentage of a stand that will regenerate into various future forest cover types based on its pre-harvest condition. The information used to create the clearcut response transitions was derived from a statistical analysis of 5th year survey data collected between 1989 an 1995.

Transition responses were prepared for each of the Vegetation communities indicated in Table 5. Where a pre-harvest condition was limited it was assigned to the closest similar vegetation community transition.

Table 5 Composition criteria for vegetation communities.

Vegetation Community	Compositional Criteria[1]	
Tolerant Hardwood Pure (THP)	SW[2] < 50%;	TH[3] ≥ 20%; TH-RM[4] ≥ 75%
Tolerant Hardwood - Softwood (THSW)	SW < 50%;	TH ≥ 20%; TH+RM ≥ 35% and < 75%
Intolerant Hardwood - Softwood (IHSW)	SW < 50%;	TH < 20% or TH-RM < 35
Pine (PI)	SW ≥ 50%;	PI[5] ≥ 35%
Jack Pine (JP)	SW ≥ 50%;	JP[6] ≥ 35%
Cedar (CE)	SW ≥ 50%;	EC[7] ≥ 35%
Black Spruce (BS)	SW ≥ 50%;	BS[8] ≥ 35%
Spruce (SP)[11]	SW ≥ 50%;	SP[9] ≥ 35%
Balsam Fir (BF)[12]	SW ≥ 50%;	BF[10] ≥ 35%
Tolerant Hardwood - Softwood (THSW)	SW ≥ 50%;	TH ≥ 20%; TH-RM ≥ 35% and < 75%

[1] Criteria are not mutually exclusive. Stands that meet more than one set of criteria are assigned based on the priority indicated by the order in the table.

[2] All softwood species; [3] Tolerant hardwood: primarily sugar maple, yellow birch and American beech; [4] Red maple; [5] Pine: white and red pine; [6] Jack pine; [7] Eastern cedar; [8] Black spruce;

[9] Spruce: white and red spruce; [10] Balsam fir;

[11] Includes those stands with greater than 75% spruce+fir and greater than 35% spruce (SPP);

[12] Includes those stands with greater than 75% spruce+fir and greater than 35% fir (BFP)

To determine which pre-harvest vegetation communities would best predict post-harvest vegetation communities, a statistical analysis was used to determine the combination of ecodistricts and pre-harvest vegetation communities that would best predict the post-harvest forest type. The groupings of these two variables are presented in the transition matrix (Table 6).

Table 6. Transition matrix of predicted post-harvest community percentage based upon pre-harvest condition.

	Post Harvest Forest Transition														
Precut	BF1	BF2	BF3	BS1	EC3	HW3	HW4	TS4	PF1	PF2	PF3	PI1	PS1	FIL	NSR
BS10	11	10	8	2	0	2	4	0	17	8	13	1	20	1	1
BS20	6	4	12	2	14	10	10	2	4	4	22	2	0	8	0
BS23	0	19	24	0	0	29	10	0	5	5	10	0	0	0	0
SW10	3	8	8	1	0	4	12	7	9	10	18	0	14	5	1
SW20	2	12	22	2	5	8	10	5	5	7	16	0	0	5	1
SW23	6	10	3	0	0	29	13	0	0	6	19	0	0	13	0
THAL	2	2	12	0	0	16	8	24	2	4	20	0	0	2	6

Groupings of Vegetation Communities for Matrix Rows

SP	BS, SP, PI
SW	BF, EC, SF, OS, HW, TS
THAL	PT

Groupings of Ecodistricts for Matrix Rows

10	10, 11
20	20
23	18, 23, 19, 5

Stocking Classes

1	Space SW
2	Space SW, MW
3	Space SW, HW, MW
4	Fill Plant, Space HW
FIL	Fill Plant

2.6 Plantation Genetic Gain

Substantial increases in tree growth have been realized through the work of the New Brunswick Tree Improvement Council since its inception in the mid 1970's. Tree improvement helps to meet fiber demands by improving the quality and growth performance of planting stock, through selection and breeding. Growth improvements from the tree improvement program have been incorporated into the yield curves used in the 2002 management plan for the first time.

Genetic gains were incorporated into the yield curves in two stages. Estimated yields of trees planted between 1992 and 1997 were increased by 5 percent over the yields of trees planted between 1982 and 1992. Estimated yields of trees planted after 1997 were increased by 10 percent over the yields of trees planted between 1982 and 1992.

3.0 General Forest

3.1 Objectives

The general forest is made up of the 95,501 hectares of productive forest land. This forest is managed for timber production following the guidelines set out in the vision document and the forest management manual.

The general forest has been modeled to provide the maximum sustainable supply of softwood and hardwood timber. This has been accomplished by selecting a harvest sequence for the stands that concentrated on harvesting stands that subjected to the greatest potential timber losses. Harvesting and silviculture treatments were also beneficial in helping to achieve the license-wide wildlife habitat and forest diversity objectives.

3.2 Silviculture Impacts on Annual Allowable Cut (AAC)

Silviculture had a positive impact on the immediate spruce-fir-jack pine (SPF) harvest levels. This impact is the allowable cut effect (A.C.E.). Table 7 shows the relationship between various levels of silviculture and the maximum sustainable SPF annual allowable harvest levels. The maximum A.C.E. due to silviculture is 47,881 m^3. This is a 38% increase in harvest volume over a scenario in which no softwood silviculture was performed.

Silviculture levels beyond those required to achieve the maximum A.C.E. had no impact on the immediate annual allowable harvest level, but could be used to attain increases in future AAC.

Table 8 shows the effect of hardwood spacing on immediate hardwood harvest levels. No A.C.E. was attainable due to tolerant hardwood spacing.

Table 7. Immediate increases in general forest spruce, fir, and jack pine AAC (m^3) resulting from varying combinations of planting and pre-commercial thinning on the Carleton License # 9*.

Spacing Levels (ha)	Planting Levels (ha)					
	0	50	100	150	200	250
0	126,100	130,000	133,600	131,500	139,700	141,100
200	145,600	148,400	150,900	153,100	155,100	156,300
400	159,000	161,000	162,700	164,200	165,500	166,200
600	167,800	169,200	170,400	171,000	171,400	171,600
800	173,200	173,700	173,800	173,900	173,900	173,900
1000	173,700	173,800	173,800	173,900	173,900	173,900

* Levels are for the general forest only. They do not take into account non-timber objectives. An annual Non-DWA harvest level of 102,000 m3 per year was attained in all cases.

Table 8 Immediate increases in hardwood AAC that are possible using various spacing levels on the Carleton License #9.

HW Spacing Levels (ha)	Hardwood AAC (m^3/year)
0	123,908
50	123,908
100	123,908
150	123,908
200	123,908
250	123,908

3.2.1 Silviculture Levels

In forecasting sustainable wood supply for License 9, silviculture levels were limited to a maximum of 1200 hectares per year of spacing and 500 hectares per year of planting, across all landbases.

As shown in Table 2, the annual average silviculture levels to be performed on License 9 over the next 5 years are 500 hectares of planting and 1,271 hectares of spacing for all landbases. 420 hectares of plantation and 1,014 hectares of spacing on average are to be performed annually from the general forest over the next 5 years. These levels provide the maximum attainable A.C.E. effect, as shown in Table 7.

Table 9 shows the proposed general forest silviculture treatment levels over the spatial planning horizon. Plantation levels show a decreasing trend over the next 25 years, while spacing levels remain relatively constant.

Table 9. General forest annual silviculture treatment levels by period on License 9.

Period	Silviculture Treatments (ha/yr)		
	Planting	Spacing	Total
1	420	1,014	1,435
2	175	1,128	1,304
3	234	1,133	1,368
4	194	921	1,115
5	119	982	1,101
Average	229	1,036	1,264

3.3 Sustainable Harvest Levels (General Forest)

3.3.1 Non–Spatial Harvest Levels

Table 10 shows the maximum attainable general forest harvest levels before blocking. These levels are non-spatial, meaning that they are the maximum attainable harvest levels before blocking.

Table 10 Non-spatial annual general forest harvest volumes .

Period	Non-Spatial Annual Allowable Cut (m^3 /year)				
	Spruce-Pine Fir	Hardwood	Cedar	Pine	Hemlock
1	139,086	101,500	23,304	1,485	1,702
2	139,086	101,500	8,561	733	1,405
3	139,086	101,500	7,583	1,194	1,986
4	139,086	101,500	6,269	928	1,690
5	139,086	101,500	1,039	903	237
Average	**139,086**	**101,500**	**9,351**	**1,049**	**1,404**

3.3.2 Spatial Harvest Volumes

As shown in Table 11, the average sustainable spruce-pine-fir harvest level over the spatial planning horizon after blocking and the application of the operational net-down is 116,921 m^3 per year . This a reduction of 15.9% from the non-spatial analysis. The spatial hardwood harvest level is 94,503 m^3 per year. Harvesting in the general forest will also produce 7,987 m^3 of Cedar per year, 784 m^3 of Pine per year, and 1,545 m^3 of Hemlock per year

3.3.3 Operational Net-Down of Harvest Volumes

Spatial harvest volumes were further reduced after blocking to account for watercourse buffers on unmapped streams within the selected clearcut harvest blocks. The reduced harvest levels are shown in Table 11.

The net-down factor was determined by comparing the actual area harvested for a sample of 1997 – 2001 clearcut harvest blocks to the area proposed for the same blocks in the 1997 management plan. The necessary reduction was determined to be 4.17 percent for clearcut blocks in ecoregion 3, and 5.68 percent in clearcut blocks in ecoregion 5.

Table 11. Blocked general forest annual harvest volumes

Period	Harvest Levels (m^3/yr)*					
	Forest Type	Spruce-Pine Fir	Hardwood	Cedar	Pine	Hemlock
1	Spruce Pine Fir	101,710	55,591	12,889	1,118	1,599
	Tolerant Hardwood	15,277	34,273	64	0	90
	Total	116,986	89,864	12,953	1,118	1,689
2	Spruce Pine Fir	103,071	58,975	10,180	782	1,381
	Tolerant Hardwood	14,144	33,776	83	0	160
	Total	117,215	92,751	10,263	782	1,541
3	Spruce Pine Fir	110,090	72,725	9,479	744	1,789
	Tolerant Hardwood	5,037	25,121	100	0	299
	Total	115,127	97,847	9,579	744	2,088
4	Spruce Pine Fir	105,280	64,527	5,696	730	1,158
	Tolerant Hardwood	6,587	31,822	163	0	390
	Total	111,867	96,349	5,859	730	1,547
5	Spruce Pine Fir	118,914	36,550	958	546	210
	Tolerant Hardwood	4,494	59,153	322	0	651
	Total	123,408	95,703	1,280	546	861
25 YEAR AVERAGE	Spruce Pine Fir	107,813	57,674	7,840	784	1,227
	Tolerant Hardwood	9,108	36,829	146	0	318
	Total	116,921	94,503	7,987	784	1,545

* All Harvest levels incorporate an operational net-down as described in Section 3.3.3

3.4 Summary of Harvest Treatments (General Forest)

In order to manage the variety of forest types found in the general forest to maximize timber volume, while meeting habitat and vegetation community objectives, many harvest treatments are required. The treatments range from clearcutting to selection harvests with volume removals of from 100 down to 25 percent. The individual treatments selected for use in this management plan are described in detail in sections 3.6.2, 3.7.2, and 3.8.2. A more comprehensive description of treatment response from harvest treatments is described in Appendix 6.

Figure 7 shows the area of each of the available harvest treatment types over the 25-year spatial planning horizon. The graph shows a trend toward higher areas of partial and selection type harvests in future periods. The area of clearcut harvest remains generally constant throughout the spatial planning horizon.

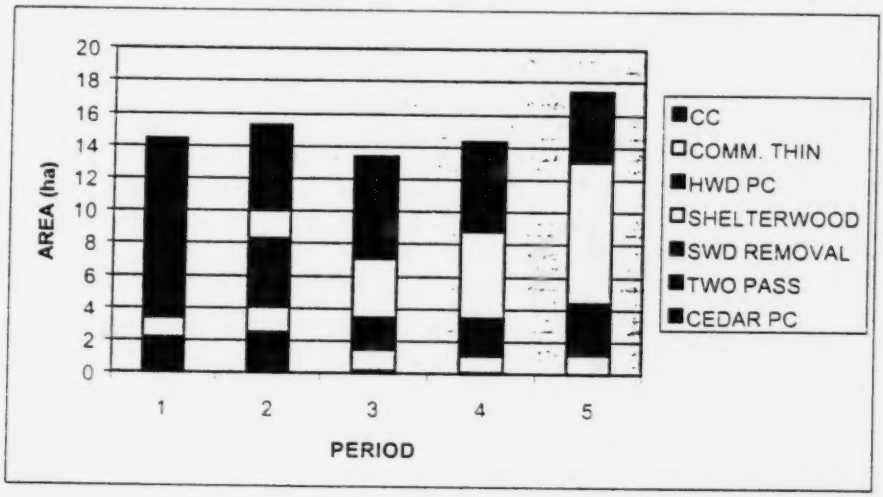

Figure 7. Harvest treatment areas planned on the Carleton license #9 over the next 25 years. Each period indicated is five years.

3.5 Operable Growing Stock

The total forest inventory available for harvest at a given time is known as operable growing stock. The operable growing stock is lower than the total growing stock as it does not include volume from stands too young to be operable for harvest, or volume from stands which are ineligible for treatment because they are between scheduled harvest interventions.

3.5.1 Softwood Growing Stock

The growing stock was forecasted to decline over the next 25 years with a recovery following. Recovery of the growing stock is slowed by the harvest pressure on young stands and the resulting balancing of the age class distribution. Figure 8 shows the level of operable growing stock over the 80 year planning horizon with the sustainable harvest

level for the regular forest. As seen in the Figure 8, a 49% increase in sustainable harvest level can be realized immediately following the low point in operable growing stock. This harvest increase is a direct benefit of the silviculture program, as it is caused by the maturing of silviculture stands to an age where the final clearcut can occur. Current growing stock conditions reflect the old condition of the License 9 forest, while long term stabilization of the growing stock reflects the balancing of age class in a well-managed forest. This has been a 20 year process to date initiated with the New Brunswick Crown Lands and Forests Act in 1982.

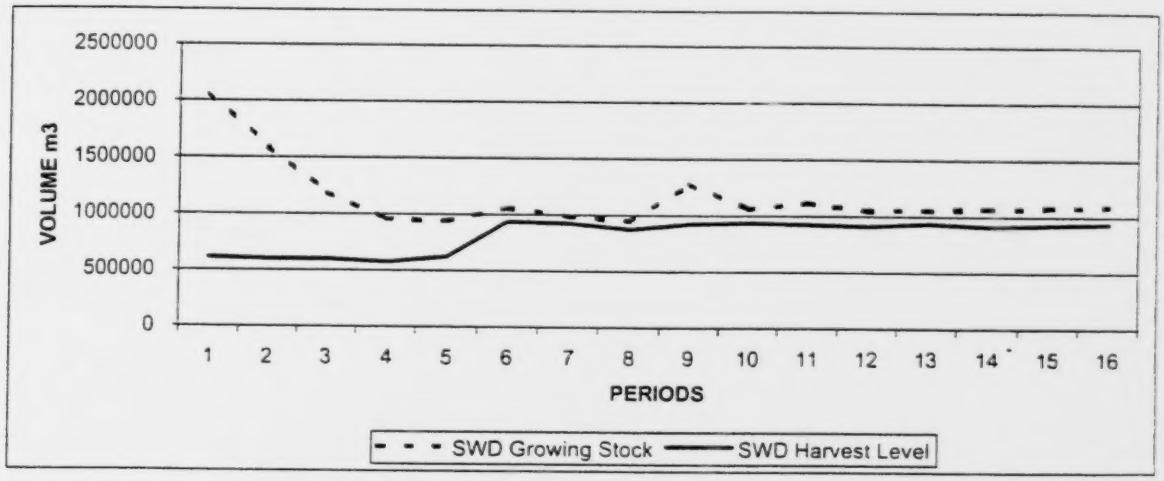

Figure 8. Spruce, fir and jack pine general forest periodic operable growing stock and sustainable harvest level after blocking.

3.5.2 Hardwood Growing Stock

Figure 9 shows the level of operable general forest hardwood growing stock and the sustainable harvest level of hardwood from the general forest over the 80 year planning horizon. The hardwood operable growing stock shows a trend of decreasing for the first 60 years of the planning horizon, before leveling at the end of the planning horizon.

The greatest portion of the operable hardwood growing stock lies in the tolerant hardwood forest. The majority of the tolerant hardwood forest follows an uneven aged management regime, where 30 % of the volume in a stand is operable for treatment every 20 years. This regime causes a large difference between the operable growing stock and the harvest level, as only 30 % of the operable growing stock of most of the tolerant hardwood stands is truly operable, given the uneven – aged treatment regime.

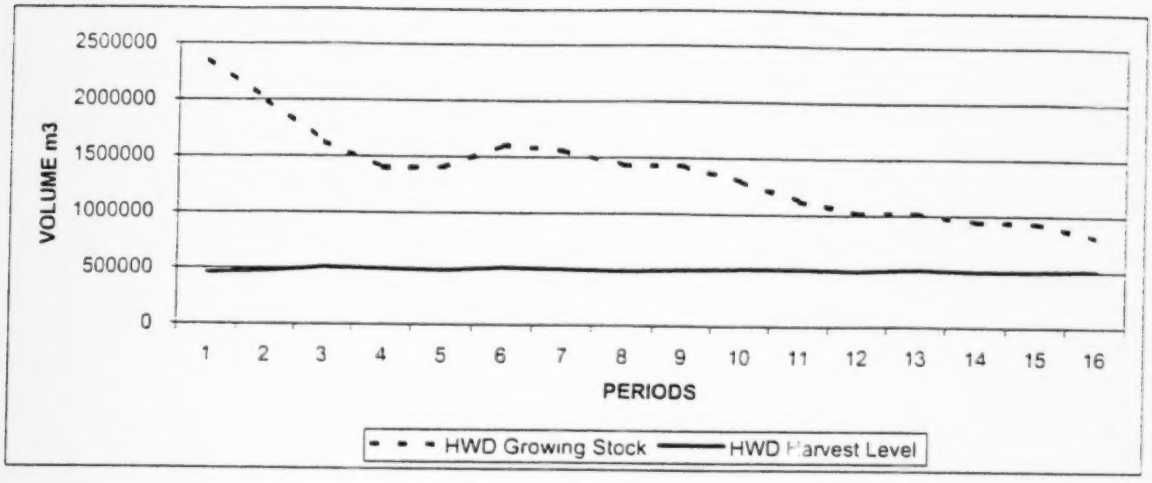

Figure 9. Hardwood general forest periodic operable growing stock and sustainable harvest level after blocking.

3.5.3 Cedar Growing Stock

Figure 10 shows the level of operable general forest cedar growing stock and the harvest level of cedar from the general forest over the 80 year planning horizon. The cedar operable growing stock shows a trend of decreasing for the first 35 years of the planning horizon, before leveling at the end of the planning horizon.

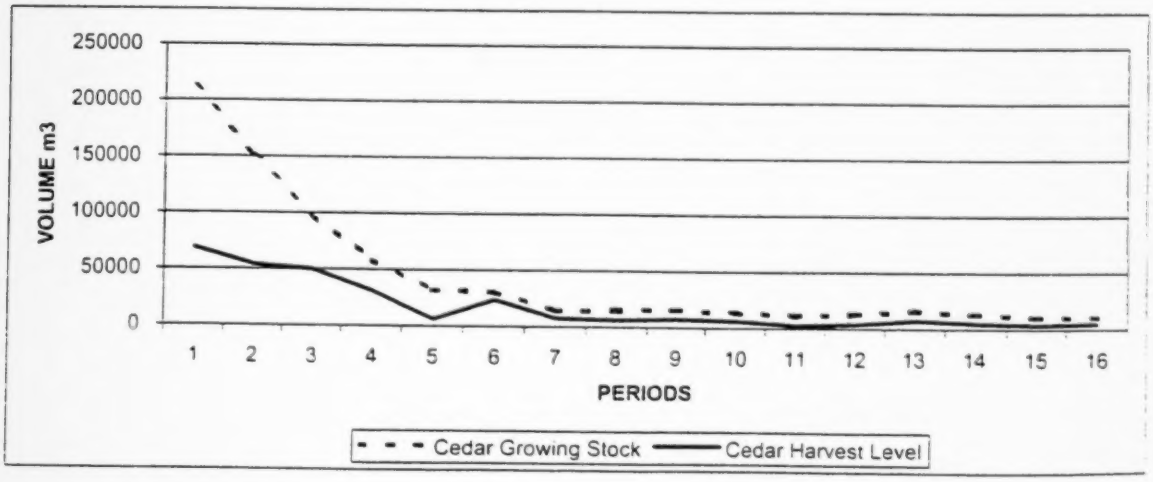

Figure 10. Cedar general forest operable periodic growing stock and harvest level after blocking.

3.6 Softwood Dominated Strata

3.6.1 Objectives

The primary objective of the general forest is maximum timber production while adhering to a variety of spatial harvesting restrictions. In the softwood cover types, this is accomplished through scheduling the harvest stands to capture mortality in stands that will experience the greatest volume decline first. This strategy allows younger stands the time to grow trees of merchantable size and allows the forest to move towards a more balanced age class structure.

The softwood portion of the general forest also has a key role in providing area to meet the license level vegetation community and habitat objectives throughout the 80-year planning horizon.

Silviculture is essential to the sustainability of harvest levels, and must be maintained in order to provide for immediate and future increases in available wood supply.

3.6.2 Harvest Prescriptions

The primary harvest treatment used on License #9 throughout the 80 year planning horizon is the **clearcut** harvest prescription. This treatment requires the removal of all merchantable stems within a harvest block. It is the most effective method of capturing mortality in mature and overmature forest types which tend to be too unstable to allow for selection harvest.

Two-pass harvesting has been prescribed in mature softwood and mixedwood stands with a component of balsam fir or intolerant hardwood or a combination of the two totaling 20-30 percent of the total stand volume. The objective of this treatment is to remove the balsam fir and intolerant hardwood leaving the longer-lived spruce and tolerant hardwood components intact and available for harvest 10 or more years later.

A **shelterwood** harvest treatment is applied to softwood/tolerant hardwood mixed stands that are not considered able to produce high quality timber. This prescription is modeled as a 50% volume removal of all species. The goal of this treatment is to create openings in the canopy to promote regeneration of shade-tolerant tree species. The remaining overstory can then be removed 10+ years later to release the advanced regeneration present.

A **commercial thinning** treatment involves a 40 percent volume removal, applied at age 25 to 30 for previously pre-commercially thinned softwood areas and spruce plantations. It occurs between ages 30 to 35 for spruce plantations and ages 25 to 30 for softwood pre-commercial thinning. Mixedwood and hardwood pre-commercially thinned are not eligible for commercial thinning. A second commercial thinning treatment is possible in black spruce plantations at age 45. The goal of this treatment is to increase the growing space available to each tree, allowing them to grow more vigorously than if left untended. This creates a larger tree in a shorter time.

3.6.3 Blocking Strategy

The DNR&E in New Brunswick requires that forest stands be grouped into operational harvest blocks, which must be mapped for at least 25 years or through the low point in the future growing stock. On License 9, the low point in softwood growing stock occurs at year 25, (Figure 8) so 25 years of harvest were blocked and mapped.

The spatial configuration of harvest blocks requires that "green-up" delay objectives related to the aesthetics and wildlife management be met. To achieve this objective, harvest block openings cannot exceed 100 ha in size and there must be a 2-period delay between adjacent openings. This delay relates to an expected height growth of 2 meters, a condition that provides sufficient hiding cover for wildlife species.

As shown in Table 12, the average block size on license 9 for the next 25 years ranges from 33.1 to 40.9 hectares. Refer to appendix 13 for 1:12,500 scale maps showing planned harvest blocks.

Table 12 Average Block size by period on License 9.

Period	Average Block Size (ha.)
1	36.7
2	35.6
3	33.1
4	34.7
5	40.9

3.7 Hardwood Dominated Strata

3.7.1 Objectives

The primary objective of the hardwood portion of the general forest is to maximize sustainable timber volumes of high quality hardwoods for sawlog production. This is accomplished through the use of both uneven-aged management strategies to perpetuate the production of tolerant hardwood trees, and even-aged hardwood strategies to improve the abundance of quality hardwood regeneration in non-sawlog producing stands.

A secondary objective of the hardwood forest is to support the hardwood vegetation community and corresponding habitat objectives as identified in the "Vision Document".

3.7.2 Harvest Prescription

3.7.2.1 Intolerant Hardwood Dominated Strata

The intolerant hardwood dominated strata types (HW forest community) present on the Carleton license generally occur in even-aged stands. For this reason, the options available to treat these strata types are the same as for even-aged softwood stands. The goal of these treatments is to minimize stand losses due to mortality.

The clearcut prescription is the removal of all merchantable stems within a harvest block. It is available for use on all intolerant hardwood dominated (HW forest community) stands.

Two-pass harvesting has been prescribed in tolerant hardwood mixedwood (TS forest community) stands with a component of balsam fir between 20 and 30 percent of the total stand volume. The objective of this treatment is to minimize mortality in the short-lived species by removing the balsam fir and leaving the longer lived spruce and hardwood components of the stands intact for later harvest.

3.7.2.2 Tolerant Hardwood Dominated Strata

The tolerant hardwood dominated stands of the Carleton license have multiple harvest treatments available for management. The treatments were set within the guidelines of the Provincial tolerant hardwood harvesting policy (NBDNRE). As in the softwood strata types, the prescription options available in the tolerant hardwood forest were also designed to capture stand losses due to mortality.

The clearcut, shelterwood and two-pass harvesting methods are all available for use as mentioned for previous forest types so long as the Provincial Hardwood policy is not compromised.

Partial harvesting is an uneven-aged management technique utilized on quality tolerant hardwoods (PT forest community) and quality tolerant hardwood mixedwood (TS forest community) stands. It is modeled as a 30 percent volume removal across all species. Subsequent partial harvests may be performed on the stand every 20 years after the initial treatment. The goal of this treatment is to enhance the development of potential high quality stems for future sawlog material and promote the development of tolerant hardwood regeneration.

Softwood removal from tolerant hardwood (PT forest community) stands involves the removal of spruce and fir from stands with 70 percent or more tolerant hardwood. The treatment is eligible as a result of a 25-year agreement between Juniper Lumber Ltd. and the NBDNRE (signed in 1987). This agreement has been transferred to Fraser Papers through the purchase of Juniper Lumber Ltd., and is still in effect with ten years remaining. Appendix 16 provides a more detailed overview of the modeling and implementation of the softwood removal agreement.

3.7.3 Blocking Strategy

Selection of hardwood management blocks and treatments was based on photo interpreted stand attributes as well as on an aerial survey of the landbase. Closer inspection of the planned harvest blocks will be done during the preparation of the annual

operating plans. The nature of selection harvest prescriptions is more stand specific than even-aged management techniques.

Due to hardwood volume flow constraints, and other non-timber objectives, it was not possible to block all of the tolerant hardwood forest during the spatial planning horizon.

3.8 Cedar Dominated Strata

3.8.1 Objectives

The cedar dominated strata of the general forest, like the rest of the general forest, has a primary objective of timber production. The sustainability of the cedar resource is fortified through the use of select harvest treatments on stands with a cedar composition of greater than 50 percent.

A secondary objective of the cedar forest is to contribute to the cedar vegetation community and related habitat objectives that contribute toward license-wide forest ecosystem objectives.

3.8.2 Harvest Prescriptions

The harvest treatments available for cedar (EC forest community) are differentiated between treatments available for stands having between 35 percent and 50 percent cedar composition, and stands having greater than 50 percent cedar composition. The objective of the treatments chosen for the cedar strata was to maximize the long-term availability of the cedar resource, while at the same time minimizing losses of shorter-lived species within the cedar strata.

Cedar stands having less than 50 percent cedar have been modeled to be available for clearcut.

Cedar stands having more than 50 percent cedar have been modeled to be available for selection type harvests only. Balsam fir removal is prescribed in cedar stands with more than 30 percent spruce and fir by volume. The treatment is modeled as a 30 percent removal focusing on balsam fir removal first and spruce second. The goal of the treatment is to remove the shorter-lived components of the stand before they succumb to mortality. The stand is available for subsequent partial harvest entries 25 years after the initial entry.

Cedar partial harvest is the second prescription available to stands with a cedar content of greater than 50 percent. Cedar partial harvest is a selection harvest modeled as a 30 percent removal, targeting balsam fir, followed by spruce, then cedar. The goal of the treatment is to provide growing space to allow for the establishment of cedar regeneration, while at the same time maintaining enough crown closure so as to ensure stand stability and minimize competition to the cedar regeneration.

3.9 Pine Dominated Strata

Due to the extremely low area of pine-dominated strata (~10 hectares) on the Carleton License, no special management consideration was given. Special considerations will be made for these stands at the time of harvest.

3.10 Hemlock Dominated Strata

No Hemlock strata is present on the Carleton License.

4.0 Old Spruce-Fir Habitat

4.1 Objectives and General Description

4.1.1 Background

Many bird and mammal species require old spruce and fir forests for habitat during all, or part of their lifecycle. This habitat is referred to as Old Spruce-Fir Habitat (OSFH). It was previously called Mature Coniferous Forest Habitat (MCFH). Beginning in 1992, objectives were put in place on New Brunswick crown land to ensure the spatial availability of this habitat type now and into the future.

In 1992, 8 MCFH blocks were established to meet the objectives of the day. In 1997, 5 MCFH blocks were submitted to meet the habitat requirements.

4.1.2 OSFH Objectives

There are two categories of OSFH objectives to be met in the spatial planning process. The first objective, NET OSFH, is a spatial objective valid over the first 7 periods (35 years) of the management planning horizon. The second objective, GROSS OSFH, is a non-spatial objective that applies over the entire 80 year planning horizon.

The net OSFH objective is the level of OSFH habitat existing in spatially defined blocks set aside for OSFH. OSFH blocks are identified for the first 7 periods of the planning horizon and must meet the following criteria:

1. A minimum of 375 ha must meet stand-level criteria within each block
2. A minimum of 75% of the area of each block must meet stand-level criteria, and
3. Block widths must normally exceed 1000 metres and always exceed 500 metres.

The total objective for NET OSFH habitat on license # 9 is 5,130 hectares, of which 3,060 hectares must come from OSFH blocks in ecoregion 3, and 2,070 hectares from blocks in ecoregion 5.

GROSS OSFH is the level of OSFH habitat coming from the entire crown license including the general forest area. Provision of spatially correct OSFH beyond the spatial planning horizon of 35 years requires that extra area is included in the gross OSFH objective. The determination of the gross OSFH objective is shown in detail in section 4.3.

4.2 OSFH Management Strategy

A total of 7 OSFH blocks are identified as meeting Net OSFH objective for the first 35 years of the management plan. A summary of suitable OSFH area by period is provided for each OSFH block in Appendix 7. Block layout and location are shown on 1:12,500 scale maps provided in Appendix 12.

Suitable harvest treatments are proposed in the OSFH blocks that no longer supply suitable OSFH and where individual block objectives are maintained. Stands providing habitat in excess of the objective may be scheduled for clearcut.

4.2.1 Net OSFH and Wood Supply Summary

Table 13. Summary of Net OSFH habitat, OSFH silviculture levels and OSFH harvest levels ***over the spatial planning horizon.

Indicator	Periods in future						
	1	2	3	4	5	6	7
Total Net OSFH area (ha)	5,869	5,902	5,843	5,662	5,681	5,570	5,525
OSFH 363301 Net OSFH area (ha)	1,405	1,461	1,462	1,377	1,377	1,379	1,377
OSFH 393201 Net OSFH area (ha)	1,231	1,169	1,132	1,087	1,087	1,087	1,087
OSFH 362701 Net OSFH area (ha)	671	696	671	671	671	562	563
OSFH 404101 Net OSFH area (ha)	800	821	818	815	835	835	828
OSFH 404301 Net OSFH area (ha)	768	766	754	754	752	747	747
OSFH 432901 Net OSFH area (ha)	438	431	441	431	431	431	395
OSFH 424401 Net OSFH area (ha)	556	558	565	528	528	528	528
Ecoregion 3 Net OSFH area (ha)	3,226	3,265	3,242	3,192	3,210	3,102	3,060
Ecoregion 5 Net OSFH area (ha)	2,643	2,637	2,601	2,471	2,471	2,467	2,465
Spatial SF estimate (m^3/yr)*	3,688	1,169	2,723	6,541	2,419	999	3,115
Spatial HW estimate (m^3/yr)*	4,896	1,286	353	1,033	2,573	642	862
Non-DWA treatments (ha/yr)							
Clearcut	68	12	12	40	25	21	8
Partial Cut	7	14	31	46	20	1	72
Planting	12	2	1	4	5	3	1
Pre-commercial thinning	25	15	0	59	5	11	42
DWA treatments (ha/yr)							
Clearcut	8	15	8	4	1	2	2
Partial Cut	0	0	0	0	1	3	3
Planting**	2	2	1	1	0	0	1
Pre-commercial thinning**	6	2	5	6	13	7	3

* This volume reported is from the Non-DWA portion of the OSFH only. The DWA portion is reported in Table 15.

**The DWA portion silviculture values are also reported in Table 15.

***Operational net-down, as described in section 3.3.3, has been incorporated into the spatial volume estimates.

Refer to Appendix 7 for harvest summaries for individual blocks.

4.3 Gross OSFH Objective and Supply

Provision of NET OSFH beyond the first seven periods of the planning horizon is calculated by the following formula:

$$\text{Gross OSFH} = \text{Net OSFH} \times \text{GNR}$$

GNR is the Gross:Net Ratio, calculated as the minimum gross OSFH of any period during the first 7 periods, divided by the net OSFH level for the same planning period. This is calculated by the formula:

$$\text{GNR} = \text{Minimum Gross OSFH} \div \text{Net OSFH}$$

The GNR for License 9 is calculated to be 2.64. The Gross OSFH requirement is calculated to be 13,560 hectares. The Gross OSFH supply on License 9 for the planning horizon is shown in Table 14.

Table 14 Gross OSFH supply over the 80 year planning horizon on License 9

Management Unit	Gross OSFH Supply (x 1,000 ha) over time (years)								
	5	10	20	30	40	50	60	70	80
General Forest	10.6	7.3	2.6	0.9	1.2	1.4	1.1	1.3	1.7
Buffer Forest	4.4	4.5	4.4	4.3	4.1	3.6	3	2	1.2
DWA Forest	8.9	8.3	6.7	5.6	5.6	6.4	7.4	8.5	8.9
OSFH Forest	3.6	3.7	3.4	3.3	2.6	2.1	1.9	1.6	1.6
Reserves	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total	27.6	23.8	17.3	14.2	13.6	13.6	13.6	13.6	13.6

4.4 Age Class Structure for the OSFH

More than 98% of the OSFH forest is made up of softwood-dominated stands (Figure 11). Over 76% of this management unit is made up of 65 to 115 year old forest stands. The bulk of the harvest in the OSFH forest will be conducted in the hardwood-dominated stands and in the softwood stands that do not currently provide OSFH habitat and/or will not provide OSFH habitat in the next 35 years.

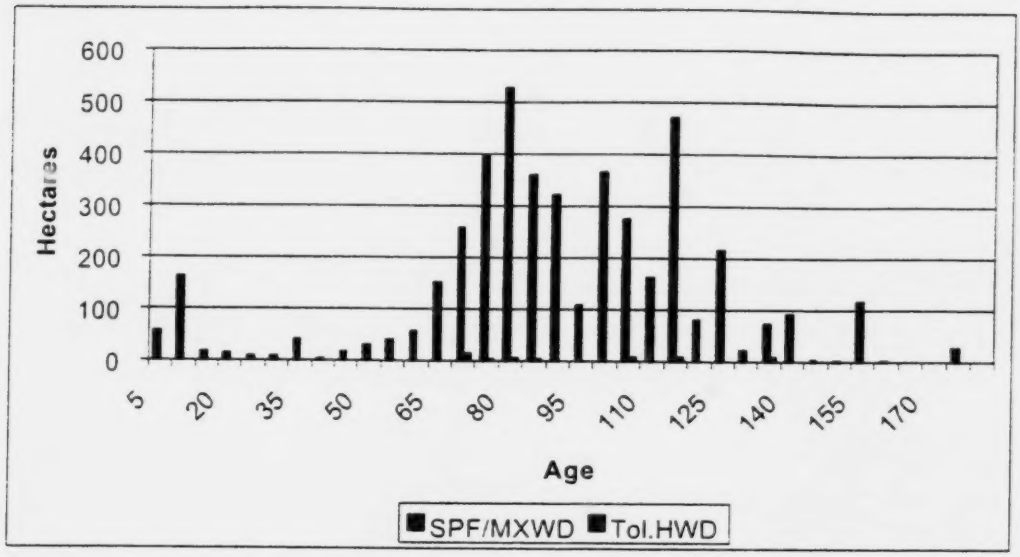

Figure 11. Ageclass Structure of the OSFH landbase by covertype.

5.0 Deer Wintering Areas

5.1 Objectives

One of the most important factors for the maintenance of deer populations in New Brunswick is the availability of winter habitat. Two different types of habitat have been defined as important to the winter survival of deer. These habitat types are Moderate Winter Deer Habitat (MWDH) and Severe Winter Deer Habitat (SWDH).

The deer wintering area (DWA) landbase for License 9 is managed with SWDH as the primary management objective and MWDH as the secondary objective. This requires the area of SWDH to be maximized, while maintaining MDWH at as high a level as possible. This is achieved by harvesting to balance the DWA age class structure and minimizing the amount of time that a stand is in a non-habitat condition – either too young or too old.

Management plans are required for individual DWAs before timber harvest can occur.

5.1.1 Management Strategy

The DWA management strategy chosen on License 9 was the maximization of severe winter deer habitat across all periods. Harvesting of habitat areas was limited to 15% of the total severe winter deer habitat in any period. Harvest was constrained sequentially for both hardwood and softwood. For softwood, the harvest was constrained to plus or minus 5 percent between periods. For hardwood, the harvest was constrained to plus or minus 10 percent between periods.

The goal of this strategy is to maintain the DWA stands currently in severe winter habitat, while at the same time allowing for areas to be harvested and regenerated to habitat conditions. As is shown in Figure 14 and Figure 15, this strategy produces similar severe deer habitat levels to no intervention scenario for the first 45 years of the planning horizon. After year 45, the proposed management scenario produces over 4 times the amount of severe deer winter habitat as the no intervention scenario. Moderate deer winter habitat is kept at or near its current level (within 10 percent) for the first 55 years of the planning horizon, after which it increases up to year 80. The sequential harvest strategy also allows for the development of a more even age class structure in the DWA, ensuring the continued availability of future severe and moderate winter deer habitat.

Clearcutting will be the predominant harvest treatment used to change forest that is not providing habitat at present back into habitat more quickly. In this case it is the most effective treatment for balancing the age class structure. Annual harvest and silviculture levels by period associated with the selected strategy are shown in Table 15.

It should be noted that although habitat levels, treatment interventions, and wood supply at the strategic level indicate broad trends, they are ultimately dependant on the development of individual DWA management plans.

5.2 Landbase Description

The DWA landbase was located by DNR&E through ground and aerial surveys. There are 52 individual DWA on license 9 totaling 17,157 hectares. Figure 12 displays the ageclass structure of the DWA landbase on license 9. Figure 13 shows the composition of the DWA forest by vegetation community type.

As these figures show, the DWA landbase is largely composed of spruce and fir forest types, which are predominately mature to overmature in their ageclass structures.

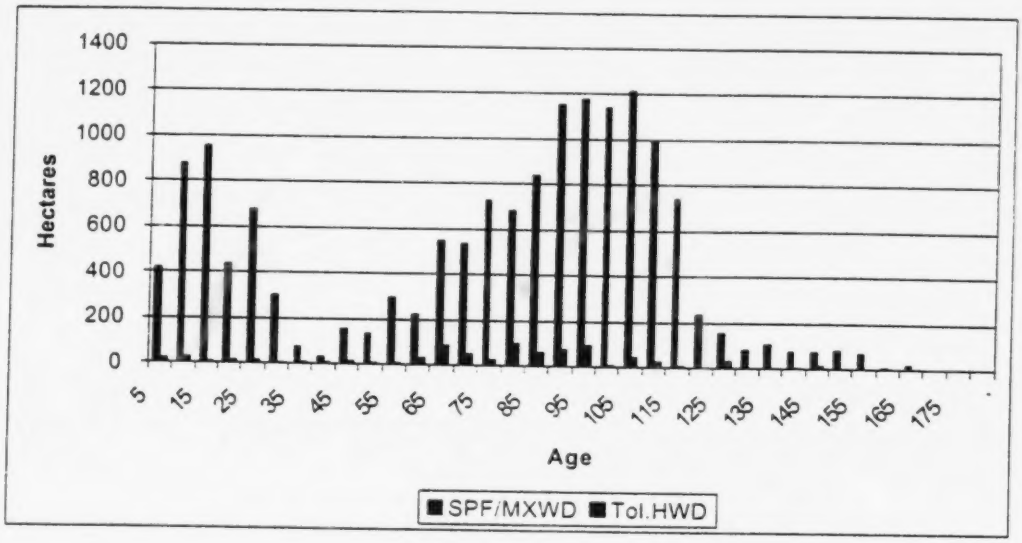

Figure 12. Ageclass Structure of the DWA landbase on License 9.

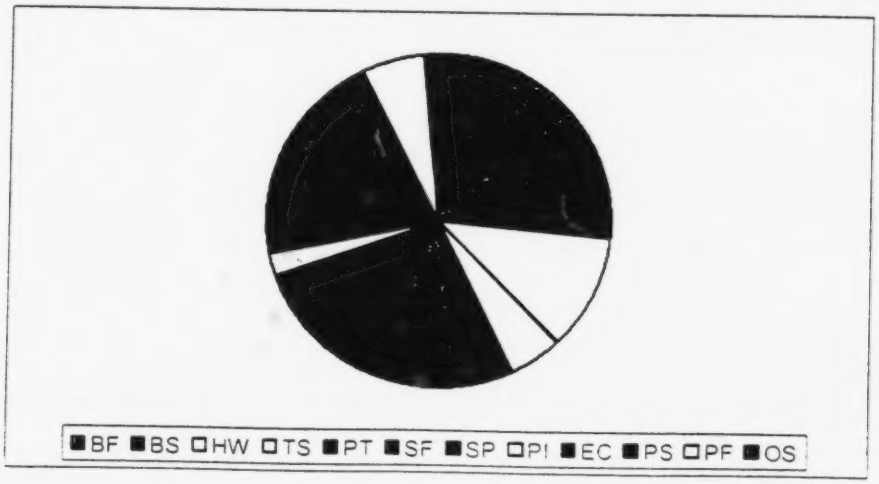

Figure 13. Composition of the License 9 DWA forest by vegetation community type.

5.3 Habitat and Wood Supply

Table 15 SWDH, MDWH, Silviculture Levels and Harvest Levels for the proposed management strategy.

Years In Future	Deer habitat (ha)		Silviculture (ha/yr)		Harvest volumes (m^3/yr)			
					Non-spatial		Spatial estimate*	
	SWDH	MWDH	Planting	Spacing	SF	HW	SF	HW
5	5,921	5,263	67	**231	17,546	14,795	15,791	13,315
10	5,534	5,528	37	57	16,577	13,325	14,919	11,993
15	5,003	5,627	29	67	15,723	11,415	14,151	10,274
20	4,381	5,290	39	220	14,997	9,834	13,498	8,851
25	3,679	5,178	31	213	14,309	8,769	12,878	7,892
30	3,023	4,742	30	227	13,611	8,519	12,250	7,667
35	2,650	4,547	23	164	13,087	7,896	11,778	7,106
40	2,345	4,648	6	133	2,610	5,235	2,349	4,712
45	2,582	4,628	5	147	3,807	859	3,426	773
50	3,078	4,695	13	127	10,572	4,411	9,515	3,970
55	3,882	5,125	1	0	10,980	3,666	9,882	3,299
60	5,289	5,804	6	26	10,238	3,250	9,214	2,925
65	6,164	6,560	9	108	9,599	933	8,639	840
70	6,651	7,746	10	34	8,972	874	8,075	786
75	6,743	7,935	9	81	9,697	2,726	8,727	2,453
80	5,893	8,097	9	122	10,344	2,525	9,309	2,272

**Spatial harvest levels are based on a 10% spatial reduction from the non-spatial harvest levels, and incorporate operational net-down.*

*** DWA spacing levels are modeled at 136 ha. per year. 95 ha. per year has been added to the modeled total to account for browse production spacing proposed in the management plan for DWAMU 363301. Actual levels of this browse production spacing will be determined through field surveys of the proposed sites.*

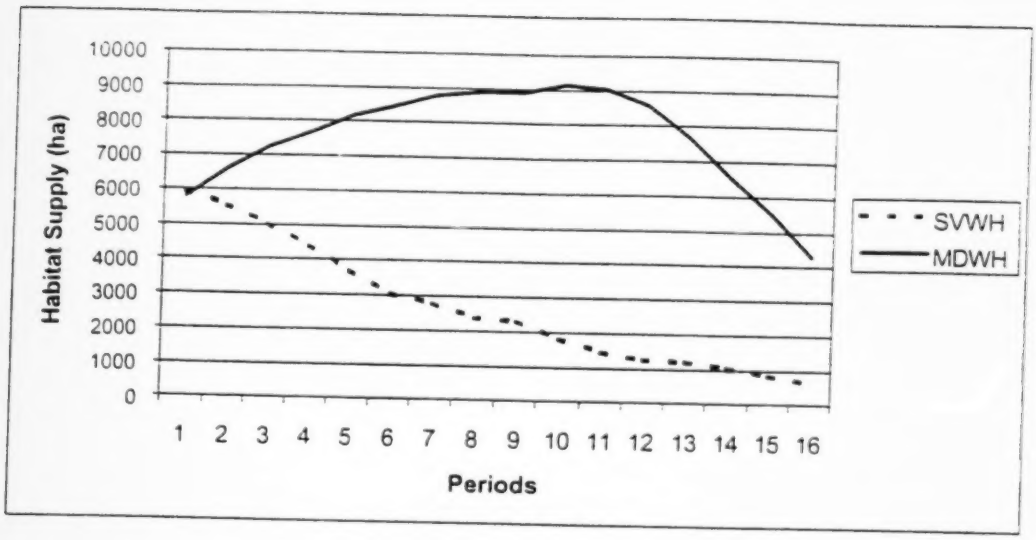

Figure 14. Projected severe and moderate deer winter habitat supply from License 9 under a no intervention scenario.

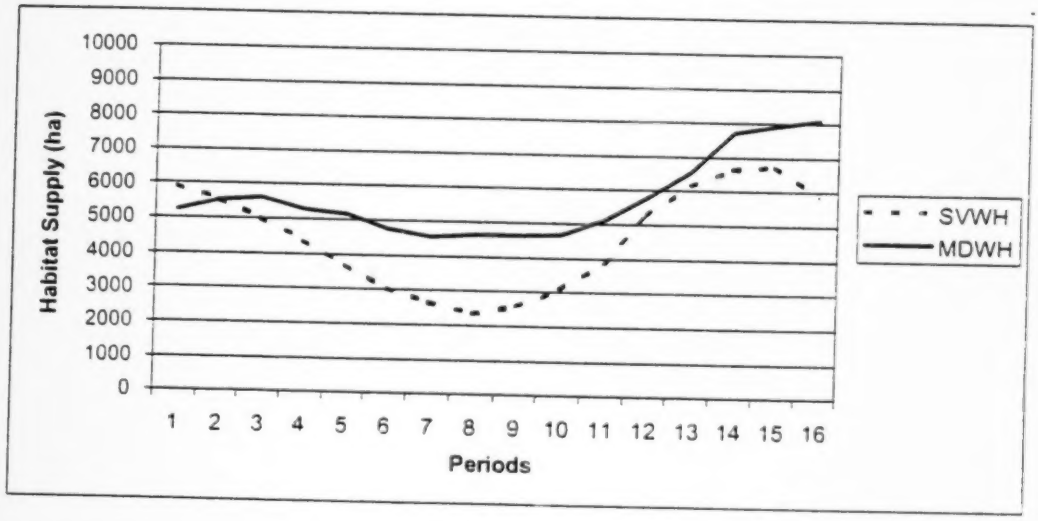

Figure 15. Projected severe and moderate deer winter habitat supply from License 9 under the proposed management strategy.

Table 16 DWA proposed for first period intervention (2002-2006)

DWA Management Plan Development		
DWA Number	**Area**	**Location**
393701	321	Big Teague
424102	184	Bartlett Brook
394101	106	Welch Brook
424401	160	Napadogan Brook
424101	120	Four Mile Brook
394404	97	Brigg - Becaguimec
363701	42	Cuffman Brook
404001	38	Little Clearwater Br
374401	47	Dow Settlement
374501	478	Eight Mile Bk
394403	327	Briggs Corner East
383801	78	Elliott Brook
353501	57	Quaker Brook
394002	48	Jamieson Brook
363601	36	N. Br. Monquart
373701	33	Porcupine Mt
394405	31	S. Br. Becaguimec
374701	30	East Newbridge
444202	28	N. Br. Cross Creek
354201	38	Williamstown
354301	130	Strong Corner
354401	195	Williamstown Lake
404201	108	Gorby Gulch
Total New Plan Area:	2732	
DWA Management Plan Follow - Up		
DWA Number	**Area**	**Location**
364801	356	Kilmarnock
374402	146	Angle Hill Lake
374701	30	East Newbridge
383801	78	Elliott Brook
383901	453	Foreston/Biggar Ridge
384401	1029	Cloverdale
384502	63	Ayers Lake North
384602	121	Ayers Lake South
393703	98	Welch Siding
404002	57	Nashwaak Lake
404101	186	Gorby Gulch
404301	243	South Sisters
404302	256	Little Owl Lake
424201	190	Napadogan Camp
424203	206	Napadogan
424401	126	Napadogan Brook
434202	539	Ryan Brook
444201	128	Jewett Brook
454101	3033	Taxis River
454201	357	Green Hill North
454301	107	Green Hill South 1
454302	68	Green Hill South 2
Total Follow - Up Area:	7870	
Total Management Area:	10602	

6.0 Watercourse Buffers

6.1 Objective

Watercourse buffer zones and vehicle exclusion zones are observed to protect water quality and aquatic habitat. These areas also provide travel corridors for wildlife. There are 8,130 ha of riparian buffer zones identified on License 9. Watercourse buffer zones will be maintained along all watercourses with a discernible channel of 0.5 metres and wider. Buffer widths are assigned to watercourses based upon the width of the watercourse, adjacent topography and other specific objectives that may be identified in the field. Timber harvest is permitted in cases where it does not compromise the function of the buffer zone.

The Provincial forest database includes average buffer zones for mapped watercourses and widths. Table 17 shows the buffer widths from this database for different classifications of watercourse features on License 9.

Table 17. Buffer widths by watercouse feature on License 9.

Watercourse Feature	Buffer Width (metres)
Single Line Stream[1]	35
Double Line Stream[2]	60
Rivers	112
Lakes	100
Provincial Highways	30

[1] Single Line- Single line waterfeatures on GIS cover type maps (streams). Also applies to lakes / ponds < 4ha.

[2] Double Line- Double line waterfeatures on GIS cover type maps (small rivers).

6.2 Harvest Prescription

Selection harvest is the only harvest treatment eligible for use in watercourse buffers. Buffer selection harvest differs from other selection harvests in that no mechanized equipment may track within 15 metres of the watercourse. Buffer selection harvesting is the removal of stems from across the range of species, stem sizes and tree conditions present in the buffer. The objective of the treatment is to open the canopy sufficiently to promote the growth of advanced regeneration, without compromising the function of the buffer. Through multiple entries, this treatment will create an uneven-aged structure in the buffer, greatly enhancing its long-term stability.

Buffer selection harvest is modeled as a 30% removal by volume across all species within buffer stands.

6.3 Summary of Harvest Volumes

Table 18 shows the average harvest level from the buffer landbase over the 25 year planning horizon.

Table 18. Average harvest from the buffer forest 2002-2026.

Management Unit	Primary and fallout volumes (m^3/yr)			
	Spruce-fir	Hardwood	Cedar	Other Softwood
General Forest	5,884	3,328	731	95
DWA	0	0	0	0
OSFH	552	122	46	0
Total	6,436	3,450	777	95

- *Volume from the provincial highway buffers are included*
- *OSFH buffer volumes are also reported in the OSFH section.*
- *OSFH buffer volumes are not reported in the Buffer Section.*

7.0 Recreation

It is required that the integrity of existing recreational sites be maintained. All established road systems into these recreational areas are maintained for public access. Harvesting practices will be conducted in these areas in such a way as to the recreational value to each designated location. There are two main areas of recreation established on License 9 are:

1. Miramichi Lake: Roads to camps are maintained by licensee.
2. North Star: Roads to camps are maintained by licensee.

30 meter wide aesthetic buffer zones will be maintained along Provincial highways. Partial harvesting may occur in the buffer zone and follow similar harvesting techniques as the watercourse buffer management. Since very little harvesting will be undertaken in aesthetic buffers, volumes generated are reported with the watercourse buffers section.

8.0 Unique Sites

In addition to the areas protected by the coarse-filter habitat objectives, forest ecosystems are further protected using a fine-filter approach of protecting unique sites. Unique sites include areas of historical, cultural, ecological, or scenic value. Ecological reserves are areas where plants, animals, and physical features are legally protected to keep interference to an absolute minimum.

There are three established Ecological Reserves on License 9. One is the Oak Mountain Hardwood Ridge - Ecological Reserve No. 11. This ecological reserve features a Sugar Maple / Beech association eco-system. The ground and shrub layers are exceptionally diverse in composition. Very little disturbance has occurred in this forest community and it supports a wide diversity of vegetation, including species of somewhat rare distribution in the province. This reserve is 100 hectares in size and is found 18 kilometers southwest of Woodstock.

Another Ecological Reserve, is the Stewart Plain Red Pine Stand - Ecological Reserve No. 12, which is a 24 hectare area featuring an even-age Red Pine stand.

The newest ecological reserve on the Carleton License is the Hal Hinds Forest at Hovey Hill. This site is an excellent example of the Appalachian Hardwood forest type, which contains trees and other plant species uncommon or rare in New Brunswick and the Atlantic Region. The 33 hectare Hovey Hill site is one of a few outstanding examples of a rich hardwood stand of beech, sugar maple, basswood, ironwood, and butternut that occurs on Crown land in New Brunswick.

Two other unique sites on License 9 Crown are known for their aesthetic value. The first is known as "The Caves". It features a 20-30 foot crevasse in the bedrock on the side of a hardwood ridge. This site is frequented by the public on a trail that leads directly to the site. This site is found west of the Nashwaak River and north of Doughboy Brook. The second is known as the "Balancing Rock" and found in the Becaguimec Lake area. This site features a large boulder that balances on three smaller rocks, presumably left there by glaciers. This site is also frequented by the public via a small hiking trail leading into it from one of the Licensee's main haul roads.

9.0 Long Term Forest Indicators

9.1 Vegetation and Habitat Community Objectives and Supply

The vegetation and habitat community objectives as defined by DNR&E were used as constraints in the forest model. Table 13 and 14 provide detailed listings of the objective levels set by DNR&E as well as the levels resulting from the proposed management strategy.

As shown in Table 19 and 20 all vegetation and habitat community objectives were met.

Table 19 Forest Community objectives met over the 80 year planning horizon on License 9.

For Com	Objective	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
ER3BF	770	2768	2245	1943	1537	1529	1211	1327	1717	1903	1958	2123	2448	2531	2653	2985	3462
ER5BF	500	1232	1064	898	742	684	569	696	956	1487	2283	2527	2955	3933	4780	5585	6047
ER3SP	2720	7482	6190	5177	4514	4235	3604	3505	3028	2966	2899	2891	2893	2885	2836	2805	2794
ER5SP	1670	4245	3799	3361	2679	2474	2061	1746	1759	1700	1687	1670	1670	1670	1670	1688	1670
ER3BS	0	2112	1920	1783	1634	1630	1563	1563	1521	1297	1230	1185	1202	1210	1121	1043	1043
ER5BS	0	1689	1220	699	477	474	439	442	442	417	311	481	407	422	490	485	492
ER3EC	0	377	377	377	377	377	380	380	381	381	385	385	385	385	385	327	327
ER5EC	530	2571	2390	2250	2273	2310	2208	2199	2255	2242	2162	2142	2096	2077	1971	1886	1834
ER3PI	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2
ER5PI	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
ER3JP	0	0	0	0	0	0	0	0	0	16	25	29	29	29	29	29	29
ER5JP	0	0	0	0	0	0	0	0	0	1	2	5	5	5	5	5	5
ER3THP	3680	6002	8203	9718	11564	13301	17955	20694	19951	17912	15807	12263	9539	10191	9237	9282	7634
ER5THP	1130	3126	3579	3724	3939	3545	3519	3760	3670	3062	2614	2613	2605	2606	2602	2608	2602
ER3THSW	1770	3398	2801	2200	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770
ER5THSW	950	1343	1221	1183	986	950	950	950	950	950	950	950	950	950	950	950	950

Table 20. Thresholds and spatial supply of wildlife habitat types by ecoregion on License 9.

Habitat Type	Eco-Region Thresholds (hectares)		Projected Habitat Supply (hectares) by Eco-region and 5-Year Management Period														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Old Hardwood Habitat	S	950	9579	11420	12351	13754	15484	19913	22544	21732	19819	17677	14102	11298	11985	10938	10932	8974
	N	580	5702	5940	5753	5433	4984	4854	4948	4883	4364	3876	3848	3791	3781	3750	3623	3574
Old Tolerant Hardwood Habitat	S	9400	9400	11004	11918	13334	15071	19725	22464	21721	19682	17577	14033	11309	11961	11007	11052	9404
	N	3550	4469	4800	4907	4925	4495	4469	4710	4620	4012	3564	3563	3555	3556	3552	3558	3552
Old Spruce-Fir Habitat **	S	8060	3226	3265	3242	3192	3210	3102	3060	2382	1989	1912	1826	1705	1597	1440	1250	1200
	N	2070	2643	2637	2601	2471	2471	2467	2465	2431	2189	2045	1911	1731	1434	1266	1202	1124
Old Mixedwood Habitat	S	2380	8956	7262	6018	4772	4452	3746	3552	3131	3027	2839	2740	2724	2550	2380	2380	2380
	N	1330	8369	7316	5716	4574	4197	3528	3379	3413	3380	3396	3278	3248	3787	4432	4759	4899
Large Mixedwood Habitat	S	530	1117	946	1020	1070	1067	1167	1049	1009	961	905	886	872	851	715	691	530
	N	270	536	494	420	392	354	335	427	488	516	548	510	498	498	442	361	283

** *Spruce/Fir-Old has a spatial objective that applies for periods 1 to 7*

9.2 Piece Size

Piece size is the average volume of harvested trees and is an indicator of how the future forest may provide for wood processing facilities. Although data supporting piece size is a weak link in the modeling process, it does provide an indicator of what wood size facilities must be prepared to handle. For example, a mill handling 100,000 m^3 of softwood in 2002 could expect to handle 505,000 trees, while in 2025, it would have to handle 745,00 trees to process the same volume. Figure 16 shows the average piece size decreases in the next 35 years as a result of a shift in forest structure from the mature forest to the managed forest.

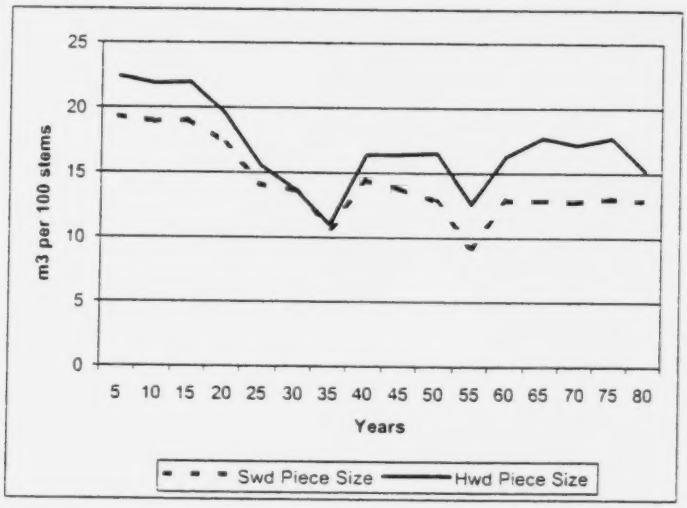

Figure 16. Average piece size by species group over the 80 year planning horizon for License 9.

9.3 Harvest Prescriptions

As shown in Figure 17, clearcutting will continue to be a predominant harvest treatment over time but will slightly decrease in the near future as commercial thinning area will increase considerably in the next 20 years as plantations and softwood pre-commercially thinned stands become operable for treatment.

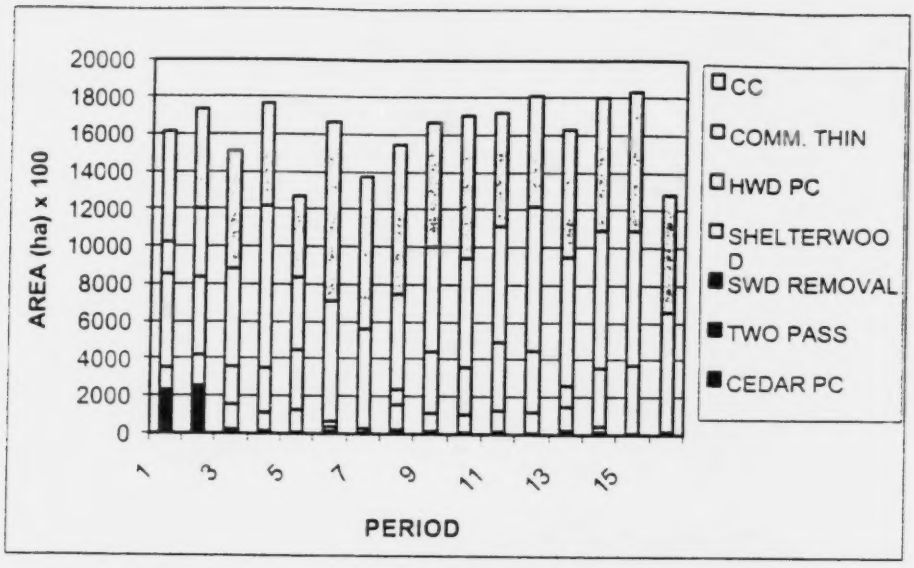

Figure 17. Harvest Prescriptions over the 80 year planning horizon.

9.3 Source of Harvest Volumes

The majority of both the spruce-fir and hardwood wood supply of License 9 is generated from the General forest. As can be seen in Figure 18 and 19, a considerable portion of the License 9 wood supply is generated from the DWA, OSFH and Buffer management units.

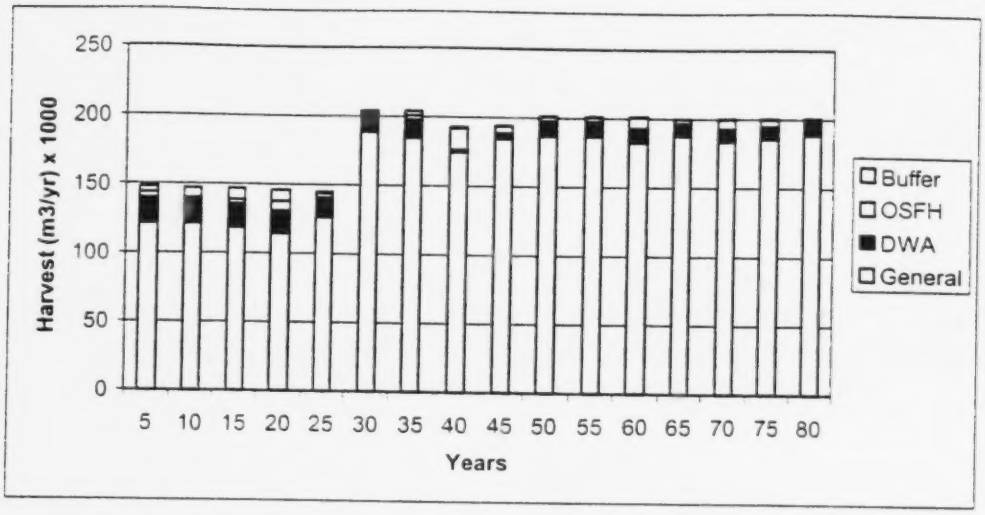

Figure 18. Spruce-pine-fir supply by landbase over time.

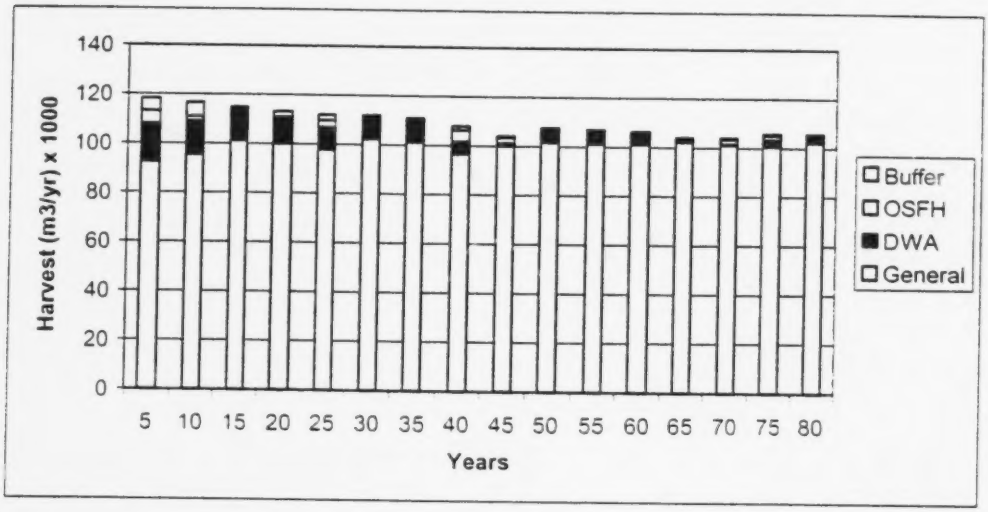

Figure 19. Hardwood supply by landbase over time.

10.0 Summary and Discussion

Following requirements specified by the Crown Lands and Forest Act and related documents, Fraser Papers Inc. has prepared a management plan for the Carleton License 9. This plan has met practical application of the objectives for Crown Lands as specified in the document "A Vision for New Brunswick Forests". After consideration of all non-timber objectives, a spruce-fir AAC of 116,921 m^3/year is planned for the General Forest. To obtain this level, 500 ha/year of planting and 1,271 ha/year of spacing is planned between 2002-2006. Spruce-fir volumes from wildlife habitat management areas are estimated at levels of 19,099 m^3/year. An additional 5,884 m^3/year is generated from the management of buffers giving a potential spruce-fir harvest of 141,904 m^3/year on License 9.

Period 1 hardwood harvest from the General Forest are 94,503 m^3/yr, respectively. "Fallout" volumes from Buffers and wildlife habitat management areas are planned at levels of 3,328 and 15,343 m^3/year, respectively. Thus, the potential hardwood supply from License 9 is 113,174 m^3/year

In the General Forest, the effect of the spatial configuration of harvest blocks, combined with the operational net-down of the spatial harvest levels has resulted in an 15.9% reduction in spruce-fir harvest level from the non-spatial plan of 139,086 m^3 year.

Cedar and pine are relatively minor components of License 9. Therefore, harvest volumes of these species are generated as "fall out" of other harvest operations. Blocked harvest levels for Period 1 are planned to be 8,458 m^3 year for cedar, 1,304 m^3/year for pine and 1,943 m^3 year for other softwoods (larch and hemlock).

Clearcutting is planned to be a major harvesting treatment used throughout the 80-year planning horizon. A clearcut/planting-spacing even-aged management system is required for License 9, to obtain maximum spruce-fir timber supply and achieve all other forest-level objectives. Use of this treatment regime on the general forest allows for a balancing of the ageclass structure. This balanced age class structure allows for increases in the general forest spruce – fir harvest level of 49 % after period 5. Commercial thinning is a necessary treatment to capture mortality, provide timber when growing stock levels are weakest and provide significant long-term timber quality improvements.

The DWA management unit will provide 2,345 to 6,743 ha of SWDH and 4,547 to 8,097 ha of MWDH over the 80-year planning horizon. These habitat levels were obtained by limiting the spruce-fir and hardwood harvest levels throughout the planning horizon in order to maintain the short-term habitat levels without compromising the long-term habitat.

The Net OSFH objective is met for the spatial planning horizon in both ecoregion 3 and ecoregion 5. Spruce-fir harvest volume from the OSFH management unit is scheduled with the secondary objective of balancing the total spruce-fir harvest on the License.

Twenty years of tree improvement work have been incorporated into this plan through the addition of genetic gain into some of the plantation yield curves.

The Gross OSFH objective was calculated to be 13,560 ha from year-36 to the end of the planning horizon. A considerable portion of habitat will be supplied from special management areas where harvesting is restricted.

All of the proposed vegetation community objectives were met across License 9. This ensures that biodiversity will be maintained across the license for the entire planning horizon.

Practical application of field experience and empirical data have contributed to the improvement of analysis. Achievement of the indicated harvest levels are dependent on the ability to implement all harvest and silviculture levels identified. Hardwood harvest levels are a significant component of the resource utilization and influence softwood harvest levels and overall silviculture strategies.

10.1 Problems arising since the 1997 Management Plan

One major problem arising from the since the 1997 management plan was the forecasting of fallout hardwood volume coming out of the softwood forest. In 1997 the management plan levels of 46,700 m^3/year of hardwood from the softwood forest were forecast, along with 45,900 m^3/year of hardwood from the hardwood forest.

Actual harvest volumes from the 4 years of the management plan show that the hardwood fallout forecasts underestimated the actual levels. The result of this was that hardwood improvement type treatments could not be performed at the predicted levels, as doing so would have produced more hardwood than the total License 9 allocation.

This hardwood fallout problem has been addressed in this management plan through the use of modified techniques to forecast hardwood volume. These techniques were incorporated into the yield curves developed for this plan. The product of these changes is that the average hardwood component of softwood forest on License 9 has been increased in comparison to the 1997 management plan yield curves. This in turn has resulted in a higher hardwood annual allowable harvest level, which if allocated will allow increased hardwood management levels on the Carleton License.

10.2 Summary of Major Changes from 1997 to 2002

Forest Inventory – New aerial photography was taken of the northern half of License 9 in 1996. The data collected from this photography was the basis for a new inventory, replacing the 1981 inventory used for the 1997 plan. This new inventory resulted in changes in the age class structure and species compositions on the license.

Biodiversity Objective – As mentioned in section 1.2, the 1997 biodiversity objective was to control the fluctuation of the four broad covertypes on a license level to within 10 percent of current levels over the 80 year planning horizon. This objective was controlled through a proper silviculture treatment regime, and had little effect on short term harvest levels.

For 2002, the biodiversity objectives were broadened by using a greater number of vegetation communities. This objective is applied on a ecoregion basis. It has an effect

on immediate harvest levels because it is not referenced to the current forest composition, and as such cannot be controlled through silviculture alone.

OSFH Landbase - In the 1997 management plan the net OSFH objective for License 9 was 5131 hectares of spatially referenced habitat across the license. This objective was met on the Carleton License. These habitat blocks were overlapped with the DWA landbase wherever possible to allow for large tracts of habitat. The 1997 OSFH blocks were maintained largely in the northern region of the license (Ecoregion 5). This strategy also kept the area of the general forest at an optimal level. The 1997 OSFH blocks were maintained largely in the northern region of the license (Ecoregion 5).

The requirements of the 2002 management call for 5130 hectares of net OSFH habitat to be maintained. The objectives apply on an ecoregion basis, with an objective of 2070 hectares of OSFH habitat to be spatially maintained in ecoregion 5, and 3060 hectares of OSFH habitat to be maintained in ecoregion 3. The requirement for the majority of the OSFH area to be maintained in ecoregion 5 meant that much of the DWA overlap OSFH areas had to be eliminated, in favor of new OSFH areas created from the general forest portion on the southern part of the license. This caused a reduction in the general forest landbase of 2750 hectares.

Buffer Landbase - The buffer landbase rose in size from 6,733 hectares in the 1997 management plan, to 8,130 hectares in the 2002 management plan, an increase of 21 percent. This increase was the result of a project undertaken by Fraser Papers to accurately identify the area of the license occupied by streams previously unmapped in the GIS database.

Sustainable Harvest Level – The overall effect of the above mentioned changes between the 1997 and 2002 management plans is a decrease in the spruce, jack pine and fir sustainable harvest level, and an increase in the hardwood sustainable harvest level. The differences in these levels is highlighted in the following section.

10.3 Comparison of 2002 results to 1997

As can be seen by comparing Table 21 to Table 22 the sustainable blocked spruce – fir harvest levels have decreased in the proposed management scenario by 12.4 percent from the 1997 management plan levels. This amounts to a decrease in the annual allowable harvest of 20,171 m^3.

Sustainable blocked hardwood harvest levels have increased in the proposed management scenario by 17.6 percent from the 1997 management plan levels. This amounts to an increase in the annual allowable harvest of 16,974 m^3.

Softwood harvest levels from the softwood strata forest have decreased by 6.0 percent from 1997 levels. This is a decrease of 6,837 m^3 per year.

Hardwood harvest levels from the softwood strata forest have increased by 23.5 percent from 1997 levels. This is an increase of 10,974 m^3 per year.

Softwood harvest levels from the hardwood strata forest have decreased by 71.4 percent from 1997 levels. This is a decrease of 22,767 m^3 per year.

Hardwood harvest levels from the hardwood strata forest have decreased by 19.8 percent from 1997 levels. This is a decrease of 9,071 m^3 per year.

Softwood harvest levels from the restrained forest have increased by 60.7 percent from 1997 levels. This is an increase of 9,433 m^3 per year.

Hardwood harvest levels from the restrained forest have increased by 418.6 percent from 1997 levels. This is an increase of 15,071 m^3 per year.

Table 21. Summary of average 2002-2006 spatial harvest levels[4] by management unit.

Landbase	Blocked Timber Supply (m^3/year)				
	Spruce-Pine Fir	Hardwood	Cedar	Pine	Hemlock
General[1]	116,921	94,503	7,987	784	1,545
DWA[2]	15,791	13,315	124	459	283
OSFH[1]	3,308	2,028	274	34	47
Buffer[1,3]	5,884	3,328	731	27	68
Total	141,904	113,174	9,116	1,304	1,943

* Cedar volumes from DWA are reduced 90% from modeled levels. As cedar is not normally harvested in the DWA forest, this volume will be produced from road right of ways.

[1] General Forest, OSFH and Buffer Harvest harvest levels are averaged over the period 2002-2026.

[2] DWA volume reported is for 2002-2006. This short term harvest level is required to meet long range deer habitat objectives.

[3] General forest buffer volume only. OSFH Buffer volume is reported under OSFH.

[4] All Harvest levels incorporate an operational net-down as described in Section 3.3.3.

Table 22. Summary of the 1997 blocked timber supply volumes on License 9.

Landbase	Primary Volume and Fallout			
	Spruce, Fir & Jack Pine (m^3/yr)	Hardwood (m^3/yr)	Cedar (m^3/yr)	Pine (m^3/yr)
Softwood	114,650*	46,700	8,040	2,575
DWA	11,800	2,700	0	0
MCFH	1,500	900	0	0
Buffers	2,250	0	0	0
Sub-Total	130,200	50,300	8,040	2,575
Hardwood	31,875	45,900	1,180	1,210
Cedar**	0	0	0	0
Pine**	0	0	0	0
Grand Total	162,075	96,200	9,220	3,785

11.0 Appendices

Appendix 1: Common Abbreviations and Definitions

Appendix 2: 2002 Forest Management Goals and Objectives

Appendix 3: Description of Forest Strata and Management Units used in the Management Plan

Appendix 4: Yield Curve Catalog – License #9

Appendix 5: Development of Silvicultural Prescriptions

Appendix 6: Description of Treatment Response

Appendix 7: OSFH Block Summaries

Appendix 8: Approved DWA Management Plan Summaries

Appendix 9: Computer File Description

Appendix 10: Complete Woodstock model with all Landbases and Management Objectives included & associated Short Reports for Wood Supply Runs (on Disk)

Appendix 11: Detailed Forest Landbase in GIS Coverage

Appendix 12: Mapped Harvest Blocks, DWAs and OSFH by Period at 1:125,000 (Hard Copy & Digital)

Appendix 13: Mapped Harvest Blocks, DWAs and OSFH by Period at 1: 12,500 (Hard Copy & Digital)

Appendix 14: Management Plan Highlights

Appendix 15: Forest stratification adjustments as a result of blocking

Appendix 16: Softwood Removal in Tolerant Hardwood Stands

Appendix 17: 2002 – 2026 Harvest Treatment Summary Tables

Appendix 18: 2002 – 2026 Harvest Block Listing

Part B

Appendix 17: 2002 – 2026 Harvest Treatment Summary Tables

2002 - 2026 Harvest Area Summary

Period	Mgmt Unit	Total Harvest All Prescriptions		Harvest from Natural Stands												Harvest from Managed Stands			
				Clearcut (SWCC CEDC HWCC)		Two Pass (TPS)		Cedar Partial (ECPC)		SWD Removal (SWR)		Shelter wood (SHWD)		Partial Harvests (HWPC, BUFF)		Clearcut		Comm Thin	
		ha	% of Total Area	ha	% of Total Area	ha	% of Total Area	ha	% of Total Area	ha	% of Total Area	ha	% of Total Area	ha	% of Total Area	ha	% of Total Area	ha	% of Total Area
1	General	14 340	83 24	5 978	41 29	526	3 65	120	0 83	1 616	11 20	1 226	8 50	4 984	34 54	0	0 00	0	0 00
	UWA	1 566	9 09	1 370	88 10	0	0 00	0	0 00	106	6 82	79	5 08	0	0 00	0	0 00	0	0 00
2002-2006	OSFH	381	2 20	338	88 71	0	0 00	0	0 00	11	2 89	6	1 57	26	6 82	0	0 00	0	0 00
	Buffer	969	5 59	0	0 00	0	0 00	0	0 00	0	0 00	0	0 00	969	100 00	0	0 00	0	0 00
	Total	17 335		7,666	44 22	526	3 03	120	0 69	1,733	10	1,311	7 56	5,979	34 49	0	0	0	0
2	General	15 439	84 51	5 329	34 53	1 087	7 04	125	0 81	1 327	8 60	1 614	10 46	4 219	27 33	0	0 00	1 714	11 23
	UWA	1 258	6 89	1 133	90 06	0	0 00	0	0 00	22	1 75	103	8 19	0	0 00	0	0 00	0	0 00
2007-2011	OSFH	149	0 82	60	40 27	0	0 00	0	0 00	1	0 67	11	7 38	77	51 68	0	0 00	0	0 00
	Buffer	1 422	7 79	0	0 00	0	0 00	0	0 00	0	0 00	0	0 00	1422	100 00	0	0 00	0	0 00
	Total	18,264		6,522	35 71	1,087	5 95	125	0 68	1,350	7 39	1,728	9 46	5,718	31 31	0	0	1,734	9 49
3	General	13 491	84 75	6 261	46 41	25	0 19	155	1 15	0	0 00	1 332	9 87	2 036	15 09	40	0 30	3 642	27 00
	UWA	1 172	7 36	1 135	96 84	0	0 00	0	0 00	0	0 00	34	2 90	0	0 00	3	0 26	0	0 00
2012-2016	OSFH	220	1 38	62	28 16	0	0 00	0	0 00	0	0 00	0	0 00	152	69 09	0	0 00	6	2 73
	Buffer	1 035	6 50	0	0 00	0	0 00	0	0 00	0	0 00	0	0 00	1035	100 00	0	0 00	0	0 00
	Total	15,918		7,458	46 85	25	0 16	155	0 97	0	0	1,366	8 58	3,223	20 25	43	0 27	3,648	22 92
4	General	14 282	83 91	5 247	36 74	0	0 00	143	1 00	0	0 00	973	6 81	2 371	16 60	265	1 86	5 283	36 99
	UWA	1 093	6 42	1 066	97 53	0	0 00	0	0 00	0	0 00	4	0 37	0	0 00	23	2 10	0	0 00
2017-2021	OSFH	429	2 52	200	46 62	0	0 00	0	0 00	0	0 00	0	0 00	116	27 04	0	0 00	113	26 34
	Buffer	1 216	7 14	0	0 00	0	0 00	0	0 00	0	0 00	0	0 00	1211	99 59	0	0 00	5	0 41
	Total	17,020		6,513	38 27	0	0	143	0 84	0	0	977	5 74	3,698	21 73	286	1 69	5,401	31 73
5	General	17 464	91 73	2 666	15 27	0	0 00	48	0 27	0	0 00	1 219	6 98	3 198	18 31	1 651	9 45	8 682	49 71
	UWA	964	5 06	891	92 43	0	0 00	0	0 00	0	0 00	11	1 14	9	0 93	1	0 10	52	5 39
2022-2026	OSFH	238	1 25	140	58 82	0	0 00	0	0 00	0	0 00	1	0 42	5	2 10	0	0 00	92	38 66
	Buffer	372	1 95	0	0 00	0	0 00	0	0 00	0	0 00	0	0 00	312	83 87	0	0 00	60	16 13
	Total	19,038		3,697	19 42	0	0	48	0 25	0	0	1,231	6 47	3,524	18 51	1,652	8 68	8,886	46 68
Total	General	75 102	85 76	25 461	33 90	1 638	2 18	591	0 79	2 943	3 92	6 364	8 47	16 808	22 38	1 956	2 60	19 341	25 75
	UWA	6 032	6 90	5 595	92 60	0	0 00	0	0 00	128	2 12	231	3 82	9	0 15	27	0 45	52	0 86
2002-2026	OSFH	1 417	1 62	800	56 46	0	0 00	0	0 00	12	0 85	18	1 27	376	26 53	0	0 00	211	14 89
	Buffer	5 034	5 73	0	0 00	0	0 00	0	0 00	0	0 00	0	0 00	4949	98 70	0	0 00	65	1 30
	Total	87,575		31,856	36 38	1,638	1 87	591	0 67	3,083	3 52	6,613	7 55	22,142	25 28	1,983	2 26	19,669	22 46
AAC	General	2 886	83 24	1 192	41 29	105	3 65	24	0 83	323	11 20	245	8 50	997	34 54	0	0 00	0	0 00
	UWA	311	8 97	274	88 10	0	0 00	0	0 00	21	6 82	16	5 08	0	0 00	0	0 00	0	0 00
2002-2026	OSFH	76	2 20	68	88 71	0	0 00	0	0 00	2	2 89	1	1 57	5	6 82	0	0 00	0	0 00
	Buffer	194	5 59	0	0 00	0	0 00	0	0 00	0	0 00	0	0 00	194	100 00	0	0 00	0	0 00
	Total	3,467		1,534	44 22	105	3 03	24	0 69	347	10	262	7 56	1,196	34 49	0	0	0	0

Appendix 18 - 2002 - 2026 Harvest Block Listing

Period	Map #	Block #	Px	Area	SPF M3	Hwd M3	Ced M3	Pine M3	Hem M3
1	3432	1500	CC	22.2	1922	1187	307	69	116
1	3432	1879	CC	8.4	622	522	84	50	17
1	3433	1501	CC	36.7	2512	1542	674	142	168
1	3433	1573	HWSH	12.1	151	715	6	0	12
1	3433	1573	CC	12.4	581	1322	12	0	0
1	3433	1855	CC	19.4	1363	1255	161	69	51
1	3446	1502	CC	13.7	891	349	818	28	15
1	3446	1577	CC	38.3	3059	1503	1414	63	136
1	3449	1575	CC	52.8	3423	2617	1492	8	135
1	3531	1503	CEPC	8.5	347	8	0	0	0
1	3531	1503	CC	23.8	1977	1127	313	53	99
1	3531	1504	HWSH	13.2	132	738	3	0	7
1	3531	1856	CC	12.7	1072	726	208	16	113
1	3531	1882	CC	20.5	1770	738	152	7	8
1	3532	1505	CC	18.4	1040	1071	124	7	132
1	3532	1505	HWPC	32.1	881	587	0	0	0
1	3532	1595	CC	10.3	839	687	147	3	43
1	3532	1920	CC	29.7	1966	2362	193	32	133
1	3535	1507	CC	12.1	1150	547	49	0	0
1	3535	1507	HWPC	48.7	308	1555	0	0	0
1	3535	1508	HWPC	24.5	483	540	0	0	0
1	3536	1509	CC	15.6	511	820	50	0	14
1	3536	1509	HWPC	17.4	139	243	0	0	0
1	3543	1511	CC	42.1	2445	2388	483	32	138
1	3627	1560	HWSH	23.6	23	1663	0	0	0
1	3627	1561	TWPS	31.1	759	475	0	0	0
1	3627	1562	TWPS	20.1	192	163	0	0	0
1	3627	1563	TWPS	4.4	75	6	0	0	0
1	3627	1565	CC	8.1	556	894	8	0	0
1	3627	1566	CC	56.9	4691	2576	886	262	93
1	3627	1566	HWSH	19.2	586	979	134	0	67
1	3627	1858	CC	0.8	27	101	1	0	0
1	3627	1859	HWSH	7.3	89	441	4	0	7
1	3627	1860	HWSH	39.1	732	2183	50	3	142
1	3627	1913	CC	5.9	754	19	32	0	0
1	3628	1564	CC	21.7	2285	784	354	70	70
1	3628	1564	HWSH	8.2	86	596	8	0	8
1	3628	1567	HWSH	63.5	905	5044	30	0	102
1	3628	1567	CC	18.8	1010	1818	88	6	28
1	3628	1568	CC	54.5	5092	3137	702	70	293
1	3628	1569	CC	48.8	3778	2817	748	90	174
1	3628	1569	HWSH	10.4	110	756	10	0	10
1	3628	1570	HWSH	4.4	46	316	4	0	4
1	3628	1570	CC	64.9	5665	3802	926	144	223
1	3628	1898	HWPC	8.5	250	189	7	0	0
1	3628	1898	TWPS	8.3	276	75	0	0	0
1	3630	1513	HWSH	55.5	112	3540	0	0	0
1	3631	1514	CC	49.2	2942	3368	704	151	55
1	3631	1515	HWSH	19.3	287	1573	10	0	35
1	3631	1516	CC	20.3	1188	961	431	46	76
1	3631	1517	CC	17.9	1045	1313	154	32	32
1	3631	1518	CC	12	721	1118	60	0	180

Period	Map #	Block #	Px	Area	SPF M3	Hwd M3	Ced M3	Pine M3	Hem M3
1	3632	1506	HWSH	5.4	60	404	3	0	6
1	3632	1506	CC	36.5	3601	1740	517	84	161
1	3632	1519	HWSH	8.9	129	537	14	0	11
1	3632	1519	CC	30.4	2123	1929	447	46	95
1	3632	152'	CC	8.5	560	702	90	0	34
1	3632	1522	CC	0.7	53	10	36	1	1
1	3632	1523	TWPS	6.5	259	0	0	0	0
1	3632	1863	CC	26.4	1528	1567	885	34	31
1	3632	1904	CC	4.9	318	406	44	0	20
1	3633	1526	CC	56.8	3928	3457	1023	175	164
1	3633	1526	CEPC	20.6	668	77	0	0	0
1	3633	1921	CC	54.9	3264	2516	2251	216	110
1	3633	1922	CC	22	1799	1171	353	96	61
1	3633	1922	HWSH	25.4	259	1859	25	0	25
1	3634	1512	CC	13.6	1389	501	0	0	0
1	3634	1527	CC	73.9	2864	7882	120	30	11
1	3634	1528	CC	5.4	396	96	123	0	64
1	3635	1529	CC	19.9	1591	941	245	3	168
1	3636	1040	CC	53.6	823	3476	71	0	28
1	3636	1532	CC	0.8	43	61	1	0	2
1	3636	1532	HWPC	42.5	305	721	0	0	0
1	3636	1533	CC	6.3	617	220	20	0	0
1	3636	1534	CC	3.9	454	181	35	0	2
1	3636	1534	HWPC	48.6	262	2163	0	0	0
1	3636	1535	HWPC	118.2	1334	1949	0	0	0
1	3636	1536	HWPC	43.1	409	790	0	0	0
1	3636	1536	HWSH	2.3	56	96	1	0	2
1	3636	1537	HWSH	3	114	154	2	0	0
1	3636	1538	HWPC	47.7	422	778	0	0	0
1	3636	1538	CC	17.1	982	1011	44	0	0
1	3636	2017	CC	5.2	534	357	62	0	0
1	3636	2017	HWPC	138	1380	2346	0	0	0
1	3637	1539	HWSH	8.5	120	336	0	0	0
1	3637	1539	HWPC	96.4	825	1604	0	0	0
1	3648	1865	CC	13.8	872	677	91	12	61
1	3732	1866	CC	14.9	241	1195	63	2	6
1	3732	1881	CC	68.6	5620	2073	1216	240	86
1	3733	1556	CC	12.6	834	882	138	32	14
1	3733	1558	CC	30.8	1458	752	2181	27	60
1	3733	1559	CC	67.6	4926	5586	1375	129	345
1	3733	1871	CC	55.3	2305	1189	3590	25	98
1	3733	1880	CC	71.8	4168	3358	2308	165	108
1	3735	1510	CC	15.6	1384	1299	117	0	0
1	3735	1510	HWPC	42	729	603	0	0	0
1	3735	1510	HWSH	10	374	508	5	0	0
1	3735	1542	HWPC	48.6	387	814	0	0	0
1	3735	1542	HWSH	5.7	65	292	0	0	0
1	3735	1542	CC	26	1913	1090	167	0	0
1	3735	1923	CC	42.6	2454	3070	38	0	56
1	3737	1544	HWPC	21.6	0	1495	0	0	0
1	3737	1544	CC	2.5	309	48	15	0	0
1	3737	1593	HWPC	51	62	1672	0	0	0
1	3737	1594	HWPC	18.6	230	236	0	0	0
1	3737	1864	HWPC	5.6	50	89	0	0	0
1	3737	1864	CC	6.8	202	230	0	0	0
1	3738	1545	CC	8.5	496	536	11	0	14

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
1	3738	1545	HWPC	95.7	724	1275	0	0	0
1	3738	1546	HWPC	6.8	5	382	0	0	0
1	3738	1547	HWPC	34.1	310	600	0	0	0
1	3738	1548	HWPC	27.2	229	403	0	0	0
1	3738	1548	CC	1.6	57	127	5	0	6
1	3738	1549	HWPC	9.7	78	174	0	0	0
1	3738	1550	HWPC	34.4	248	983	0	0	0
1	3738	1550	CC	5.8	75	74	2	0	0
1	3738	1550	HWSH	5.9	0	412	0	0	0
1	3738	1591	HWPC	97.9	757	2884	0	0	0
1	3738	1591	CC	2.9	334	145	6	0	0
1	3738	1592	CC	29.2	2934	825	33	55	0
1	3738	1592	HWPC	16.5	139	264	0	0	0
1	3742	1551	CC	1.7	115	92	10	0	10
1	3745	1552	HWSH	18.3	248	1163	3	0	27
1	3745	1553	CC	12.4	426	914	28	2	28
1	3745	1554	CC	8.6	533	790	43	0	120
1	3745	1614	CC	2.6	102	234	7	3	3
1	3745	1615	CC	4.5	273	246	24	1	29
1	3745	1616	CC	6.7	327	378	18	0	26
1	3745	1616	HWPC	9.5	237	190	0	0	0
1	3745	1862	CC	16.6	755	464	599	23	21
1	3745	1862	HWPC	10.8	398	140	0	0	0
1	3746	1555	CC	15.5	1154	672	383	19	62
1	3746	1555	CEPC	9.8	269	27	0	0	0
1	3746	1555	HWPC	4.6	217	42	0	0	0
1	3833	1900	CC	16.8	1876	349	106	50	0
1	3836	2664	HWPC	96.1	897	1573	0	0	0
1	3837	1571	HWSH	23.1	830	1292	12	0	0
1	3837	1571	CC	2	275	40	15	0	0
1	3837	1572	HWPC	145.1	1218	2936	0	0	0
1	3837	1572	CC	25	2445	969	57	0	0
1	3837	1575	HWPC	15.6	252	161	0	0	0
1	3837	1576	HWPC	72.4	576	1619	0	0	0
1	3837	1576	CC	21.4	2450	374	57	0	0
1	3837	1580	CC	8.1	652	125	12	0	0
1	3837	1580	HWPC	44	387	686	0	0	0
1	3837	1581	HWPC	312	2641	7331	14	0	0
1	3837	1581	CC	29.6	3400	1365	219	0	0
1	3837	1582	CC	11.6	992	511	22	0	0
1	3837	1582	HWPC	136.6	1035	2767	0	0	0
1	3837	1583	CC	7.2	666	223	3	0	0
1	3837	1583	HWPC	15.3	144	395	0	0	0
1	3837	1585	CC	11.4	1294	409	59	0	0
1	3838	1584	CC	8.4	950	126	50	0	0
1	3838	1584	HWPC	108.1	922	2128	0	0	0
1	3838	1584	HWSH	30.1	1087	1430	3	0	0
1	3838	1587	HWPC	100.7	758	2391	0	0	0
1	3838	1588	CC	15.1	1119	987	81	0	15
1	3838	1588	HWSH	11.1	337	644	5	0	0
1	3838	1589	CC	31	1477	2077	0	0	0
1	3838	1590	HWPC	269.7	2641	5728	0	0	0
1	3838	1590	HWSH	0.4	4	22	0	0	0
1	3838	1599	CC	18.3	1561	722	13	0	0
1	3838	1875	HWPC	48.1	293	1881	0	0	0
1	3838	1875	CC	7.6	588	331	4	0	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
1	3838	1876	CC	7.8	831	396	23	0	0
1	3838	1877	CC	14.6	540	1001	0	0	0
1	3838	1878	CC	11.9	978	585	8	0	2
1	3838	1878	HWPC	8.5	74	131	0	0	0
1	3838	1907	HWPC	75.5	636	1650	0	0	0
1	3838	1908	CC	5.9	406	209	0	0	0
1	3839	1597	CEPC	14.7	431	0	87	0	0
1	3839	1597	HWSH	10.5	42	431	0	0	0
1	3839	1597	CC	31.7	3770	664	87	0	0
1	3839	1598	HWSH	9.6	43	568	0	0	0
1	3839	1598	CC	29.9	2637	837	157	0	32
1	3839	1598	CEPC	23.2	347	0	0	0	0
1	3839	1924	CC	5.2	666	31	0	0	0
1	3839	1924	HWPC	7.7	60	119	0	0	0
1	3839	1925	CC	7	506	250	1	0	0
1	3841	1601	CC	12.2	736	747	6	0	12
1	3841	1601	HWPC	15.9	134	264	0	0	0
1	3841	1604	CC	14.3	1150	905	28	0	15
1	3841	1604	HWPC	36.8	503	491	0	0	0
1	3841	1605	CC	18.2	1475	1134	36	0	14
1	3841	1606	CC	9.3	568	454	56	3	6
1	3841	1606	HWPC	120.5	3015	2370	16	0	0
1	3841	1606	HWSH	7	260	374	6	0	19
1	3844	1610	CC	11.1	481	240	910	3	24
1	3845	1611	CEPC	5.5	193	88	0	0	0
1	3845	1611	CC	6.6	349	377	268	0	52
1	3845	1612	CC	5.6	371	298	34	0	34
1	3845	1613	HWSH	8	327	391	8	0	16
1	3932	1618	CC	58.4	2983	3355	761	163	72
1	3933	1619	CC	72.3	6677	2342	706	175	321
1	3933	1620	CC	78.3	8648	1664	768	249	175
1	3933	1621	CC	65	5654	1521	1017	123	361
1	3933	1622	CC	17.6	1159	702	148	99	23
1	3933	1623	CC	45.1	3773	1863	391	163	72
1	3936	1627	HWSH	0.4	0	23	0	0	0
1	3936	1627	HWPC	56.3	501	918	0	0	0
1	3936	1628	CC	8	966	171	55	0	0
1	3936	1628	HWPC	74	557	1905	0	0	0
1	3936	1628	HWSH	14.9	105	746	0	0	0
1	3936	1629	CC	7.2	788	459	54	0	3
1	3936	1629	HWPC	62.1	535	973	0	0	0
1	3936	1629	HWSH	7	27	374	0	0	0
1	3936	1630	CC	5.9	212	330	3	0	0
1	3936	1630	HWSH	3	34	144	0	0	0
1	3936	1631	CC	2.2	107	183	2	0	4
1	3936	1631	HWPC	111.9	967	1770	0	0	0
1	3936	1634	HWPC	312.8	2904	5104	0	0	0
1	3936	1634	CC	1.7	201	37	2	0	0
1	3937	1632	HWPC	98.4	978	1665	0	0	0
1	3937	1632	CC	7.9	339	434	0	0	0
1	3937	1633	HWSH	93.3	860	4608	11	0	17
1	3937	1635	CC	9	621	998	9	0	0
1	3937	1886	HWPC	65.1	535	1228	0	0	0
1	3938	1636	CC	6	192	980	0	0	0
1	3938	1637	HWSH	26.1	468	1267	0	0	0
1	3938	1637	CC	22.4	2686	1011	78	0	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
1	3938	1643	CC	15.9	1032	714	80	0	0
1	3938	1644	CC	5.4	107	150	27	0	0
1	3938	1645	HWPC	25.7	196	602	0	0	0
1	3938	1646	CEPC	6	30	0	143	0	0
1	3938	1647	CC	10.4	214	0	0	0	0
1	3938	1647	CEPC	8.5	128	0	0	0	0
1	3938	1648	CC	15.4	1902	145	94	0	0
1	3938	1649	CC	9.4	662	524	88	0	0
1	3938	1650	CC	19.6	2194	539	251	0	9
1	3938	1651	CC	31.5	3332	986	434	0	0
1	3938	1652	CC	24.7	2925	468	376	0	0
1	3938	1887	HWPC	63	129	1680	0	0	0
1	3938	1919	CC	84.5	1814	6005	33	0	0
1	3939	1653	CC	35	3698	1857	146	0	0
1	3939	1654	CC	20.7	2309	652	26	0	0
1	3939	1654	HWPC	3.3	29	52	0	0	0
1	3939	1655	HWPC	53.7	412	790	0	0	0
1	3939	1655	CC	4.8	420	342	45	0	0
1	3939	1656	HWPC	7.6	32	38	0	0	0
1	3939	1656	CC	57.5	5353	3168	111	0	15
1	3939	1657	CC	7.3	821	48	5	0	0
1	3939	1909	CC	58.9	7232	1095	178	3	0
1	3940	1660	CC	3.9	526	53	15	0	0
1	3940	1661	CC	3.1	447	61	20	0	0
1	3940	1662	CC	59	7012	2215	251	0	6
1	3941	1117	HWPC	93.9	732	1052	0	0	0
1	3941	1292	CC	10.5	1188	554	31	0	0
1	3941	1665	CC	6.3	913	131	44	0	0
1	3941	1666	HWPC	90.3	727	1854	0	0	0
1	3941	1666	CC	3.6	169	318	2	0	0
1	3941	1748	HWPC	67.8	507	1122	0	0	0
1	3941	1748	CC	45.2	2864	4022	203	0	0
1	3941	1869	HWPC	37.7	583	357	0	0	0
1	3941	1869	CC	5.2	644	127	6	0	0
1	3942	1667	CC	46.7	4140	3362	281	0	17
1	3942	1667	HWPC	59	499	177	0	0	0
1	3943	1671	CC	8.5	840	656	95	0	1
1	3943	1672	CC	3.5	258	380	3	0	0
1	3943	1673	HWSH	10.4	234	638	0	0	10
1	3943	1674	CC	12.3	805	1416	11	0	4
1	3943	1674	CEPC	3.2	0	0	0	0	0
1	3943	1675	HWSH	13.5	299	918	0	0	13
1	3943	1676	HWSH	9.1	216	590	0	0	9
1	3943	1677	CC	10.1	698	1123	10	0	0
1	3943	1678	CC	40.2	3189	1137	183	36	0
1	3943	1681	CC	3.6	343	77	4	0	0
1	3943	1681	HWSH	14.8	354	1030	0	0	15
1	3943	1682	HWPC	13.5	278	88	0	0	0
1	3943	1682	CC	47.7	5106	2216	539	10	12
1	3943	1685	CC	38.9	3373	1582	115	19	17
1	3943	1902	CC	21.6	2225	1492	259	0	0
1	3943	1902	HWPC	11.8	0	0	0	0	0
1	3943	2067	CC	44	4615	910	424	20	0
1	3944	1686	HWPC	99	2085	1908	0	0	0
1	3944	1686	CC	14.7	686	1184	20	0	40
1	3944	1687	CC	2.3	117	319	0	0	4

Period	Map #	Block #	Px	Area	SPF M3	Hwd M3	Ced M3	Pine M3	Hem M3
1	3944	1687	HWSH	6	144	421	0	0	6
1	3944	1688	HWSH	5.9	221	301	3	0	0
1	3944	1690	CC	2.2	228	55	55	0	0
1	3944	1690	HWSH	12.7	409	719	4	0	5
1	4031	1624	CC	26.3	1990	519	130	559	13
1	4039	1691	CC	89.9	10676	500	524	2	0
1	4039	1692	CC	10.9	782	676	86	0	0
1	4039	1693	CEPC	2.3	37	0	0	0	0
1	4039	1693	CC	2.6	257	209	34	0	0
1	4040	1694	TWPS	35.5	1653	54	0	0	0
1	4040	1695	TWPS	20.8	797	0	0	0	0
1	4040	1696	CC	57.1	5658	3263	357	0	0
1	4040	1696	HWSH	9	180	476	2	0	0
1	4040	1697	TWPS	28.4	1259	131	0	0	0
1	4040	1698	CC	25.3	2970	594	116	0	0
1	4040	1698	HWPC	3.9	31	54	0	0	0
1	4040	1699	CC	22	2335	1014	157	5	8
1	4040	1700	CC	12.2	1172	74	140	6	0
1	4040	1701	TWPS	23.8	933	70	0	0	0
1	4040	1702	CC	28.1	3207	1079	182	0	0
1	4040	1703	CC	26.6	3406	665	111	0	0
1	4041	1520	CC	53.3	4769	3717	499	85	66
1	4041	1704	CC	10.6	1101	549	99	0	0
1	4041	1705	CC	5.5	636	122	19	0	0
1	4041	1705	HWSH	6.2	178	326	2	0	0
1	4041	1707	CC	27.3	3112	249	194	14	0
1	4041	1708	CC	26.6	3204	1105	207	0	0
1	4041	1708	HWPC	10.8	15	420	0	0	0
1	4041	1709	CC	19.3	2606	379	109	0	0
1	4041	1715	CC	32	3405	1389	56	0	0
1	4041	1910	CC	4.1	595	73	25	0	0
1	4042	1706	CC	31	3809	516	128	8	0
1	4042	1710	TWPS	54.5	1860	226	0	0	0
1	4042	1710	CC	11	1439	415	98	0	0
1	4042	1711	HWSH	8.7	281	425	4	0	0
1	4042	1711	HWPC	18.8	0	302	0	0	0
1	4042	1711	CC	15.2	1066	500	4	0	0
1	4042	1713	CC	13.6	1046	1111	36	0	0
1	4042	1714	CC	15.6	1328	1147	75	0	0
1	4042	1720	TWPS	27.4	506	118	0	0	0
1	4042	1720	CC	3.6	345	81	59	0	0
1	4042	1721	TWPS	15.2	626	91	0	0	0
1	4042	1723	TWPS	16.7	746	5	0	0	0
1	4042	1730	HWPC	165.8	1	4766	0	0	0
1	4042	1890	CC	17.3	1904	190	82	12	0
1	4042	1891	TWPS	28.3	988	47	0	0	0
1	4042	1911	CC	22.1	2430	260	221	12	0
1	4043	1722	CC	23.5	2717	1339	171	0	3
1	4043	1724	TWPS	37.8	1105	21	0	0	0
1	4043	1725	HWSH	30	0	1968	0	0	30
1	4043	1726	CC	14.3	1025	376	152	0	0
1	4043	1727	CC	7.3	949	295	18	0	3
1	4043	1728	CC	19.4	1954	1409	233	0	1
1	4043	1729	HWSH	14.2	341	989	0	0	14
1	4043	1730	CC	14.3	2074	279	91	0	0
1	4043	1734	TWPS	44.3	1940	224	0	0	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
1	4043	1774	HWPC	6.2	192	50	0	0	0
1	4044	1735	CC	15.4	1287	926	162	0	2
1	4044	1736	CC	11.4	1147	696	130	0	0
1	4044	1737	HWSH	19.3	427	1317	4	0	23
1	4044	1738	HWSH	25.1	907	1153	3	0	0
1	4044	1739	HWSH	26.2	897	1164	0	0	2
1	4044	1742	HWSH	23.2	760	1127	0	0	6
1	4044	1742	CC	3.8	281	408	4	0	0
1	4044	1744	HWSH	18	435	1246	0	0	18
1	4044	1745	HWSH	14.1	125	22	0	0	7
1	4044	1745	CC	58.1	5578	3785	496	0	6
1	4044	1746	TWPS	40.6	1603	254	0	0	0
1	4044	1747	CC	2.4	238	181	31	0	0
1	4044	1888	CC	31.3	2997	2319	324	0	2
1	4140	1749	CC	31.8	2227	2748	84	0	0
1	4140	1750	CC	13.8	2010	276	90	0	0
1	4140	1753	CC	45	3614	3148	139	0	0
1	4140	1754	CC	30.1	3180	311	250	0	0
1	4141	1756	HWPC	5.7	137	57	0	0	0
1	4141	1757	HWPC	0.4	10	2	0	0	0
1	4141	1758	HWSH	25.5	513	1479	6	0	0
1	4141	1759	CC	7.8	538	860	6	0	0
1	4141	1759	HWPC	18.2	281	585	0	0	0
1	4141	1760	CC	31	3763	1260	170	0	0
1	4141	1761	TWPS	24.5	630	29	0	0	0
1	4141	1762	CC	31.4	4157	507	128	0	0
1	4141	1763	CC	18.8	2556	273	96	0	0
1	4141	1892	CC	49.6	5656	720	333	41	0
1	4142	1641	CC	22.2	163	1559	0	0	0
1	4142	1641	HWSH	20.8	1	1518	0	0	0
1	4142	1717	CC	51.6	5044	3090	151	0	0
1	4142	1717	HWPC	23.9	347	545	0	0	0
1	4142	1764	CC	13.6	867	534	43	2	9
1	4142	1765	CC	23.6	2740	1097	92	0	0
1	4142	1766	CC	52.3	5641	1892	147	0	0
1	4142	1767	CC	9.2	1319	199	66	0	0
1	4142	1768	CC	25.7	2296	1742	131	0	0
1	4142	1769	HWSH	44.5	1478	2382	17	0	2
1	4142	1770	CC	5.5	583	375	68	0	0
1	4142	1771	CC	28	1812	1706	92	0	0
1	4142	1772	CC	10.4	1147	464	91	0	0
1	4142	1775	CC	49	5465	2160	307	0	0
1	4142	1776	CC	21.1	2558	700	144	0	0
1	4142	1777	CC	50.6	6064	1430	578	0	30
1	4142	1778	HWPC	53.3	602	424	0	0	0
1	4142	1912	CC	5.4	503	278	27	0	0
1	4143	1224	HWPC	27.2	48	1753	0	0	2
1	4143	1224	CC	1.7	14	38	2	2	0
1	4143	1638	HWSH	24.2	753	1432	6	0	11
1	4143	1779	CC	5.9	713	258	56	0	0
1	4143	1779	HWSH	13.6	452	774	5	0	4
1	4143	1780	CC	15.2	1307	1273	96	0	0
1	4143	1780	HWSH	2	48	131	0	0	2
1	4143	1781	CC	27.6	2675	2168	287	0	2
1	4143	1782	HWSH	17.4	632	921	9	0	0
1	4143	1783	HWPC	16.8	754	34	0	0	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
1	4143	1783	CC	27.8	2005	2478	0	0	0
1	4143	1784	CC	23.7	1674	2086	159	0	84
1	4143	1785	CC	40.2	3507	3669	277	0	22
1	4143	1787	HWPC	11.5	433	48	0	0	0
1	4143	1787	TWPS	58	1896	542	0	0	0
1	4143	1790	CC	6.4	636	381	76	0	0
1	4143	1791	CC	7.7	746	547	31	0	0
1	4143	1791	HWPC	9.1	136	227	0	0	0
1	4143	1792	CC	5.3	433	433	26	0	0
1	4143	1903	CC	2.6	271	178	31	0	0
1	4143	2241	HWPC	81.4	2918	892	0	0	0
1	4240	1794	CC	40.2	3432	1371	505	0	0
1	4240	1794	HWSH	29.5	1016	1635	15	0	0
1	4240	1796	HWPC	42	0	843	0	0	0
1	4241	1797	CC	19.2	1163	1597	61	0	0
1	4241	1798	HWSH	20.5	407	1228	5	1	2
1	4241	1798	CC	10.5	671	948	17	14	0
1	4241	1799	HWSH	4.4	112	258	0	11	2
1	4241	1799	CC	11.4	563	330	120	12	28
1	4241	1800	HWSH	25.7	352	2575	13	0	52
1	4241	1800	CC	29.3	1975	2214	322	22	131
1	4241	1801	CC	5.2	458	57	34	8	0
1	4241	1802	CC	4.2	389	176	80	3	15
1	4241	1803	CC	8.9	619	563	129	12	50
1	4241	1804	CC	11.5	1015	611	111	79	6
1	4241	1805	CC	53.2	2752	2186	160	0	0
1	4241	1806	CC	2.3	316	46	12	0	0
1	4241	1806	HWSH	3.7	42	190	0	0	0
1	4241	1807	CC	6.9	473	418	9	0	0
1	4241	1808	CC	40.9	2295	3440	169	0	0
1	4241	1809	CC	28.6	301	1791	0	0	0
1	4241	1809	HWSH	3.4	39	173	0	0	0
1	4241	1810	CC	45.8	3758	908	46	0	0
1	4241	1812	HWPC	15.1	370	227	0	0	0
1	4241	1814	CEPC	3.1	133	0	0	0	0
1	4241	1815	CC	10.3	1051	569	63	0	0
1	4243	1816	CEPC	5.9	126	0	9	0	0
1	4342	1642	CC	15.3	189	1008	0	0	21
1	4342	1817	CC	18.8	1421	1370	203	0	70
1	4342	1819	CC	5.8	391	105	577	12	23
1	4342	1820	CC	3.5	233	69	339	7	14
1	4342	1821	CC	16.9	1207	800	351	26	48
1	4342	1823	CC	35.2	2709	1494	287	77	92
1	4342	1825	HWSH	4.7	0	255	5	0	14
1	4342	1825	CC	24	2029	1316	632	6	134
1	4342	1826	CC	18.1	1169	391	1392	21	72
1	4442	1818	CC	19.8	1962	856	202	61	50
1	4442	1827	CC	19.5	1595	519	1168	69	61
1	4541	1663	HWSH	47.3	0	2531	25	0	72
1	4541	1663	CC	14.2	450	593	11	0	26
1	4541	1832	CC	10	995	521	103	12	44
1	4541	1833	HWPC	59.7	1887	1534	18	0	0
1	4541	1835	CC	18.1	1391	1307	166	0	67
1	4541	1836	CC	15.2	1040	1010	440	16	47
1	4541	1837	CC	1.5	124	92	11	8	3
1	4541	1837	HWPC	28.2	829	559	10	0	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
1	4542	1664	CC	43.9	1756	2173	44	0	88
1	4542	1664	HWPC	22.2	161	529	0	0	0
1	4542	1840	CC	25.7	2516	1264	277	61	62
1	4542	1841	CC	4.1	409	227	54	0	21
1	4542	1842	CC	16.6	1928	442	398	38	54
1	4542	1843	CC	26.4	2766	762	597	74	72
1	4543	1845	CC	42.9	4809	1474	483	109	111
1	4543	1846	CC	19.1	782	1030	19	0	57
1	4543	1847	CC	48	4269	1690	2189	157	158
1	4543	1895	HWPC	26.9	972	344	25	0	0
1	4641	1848	HWPC	30.1	835	458	19	0	0
1	4641	1849	HWSH	25.5	527	1824	17	0	56
1	4641	1850	CC	33.9	3349	1056	867	51	55
1	4641	1851	CC	3.6	218	334	21	7	6
1	4641	1851	HWPC	8.4	273	189	1	0	0
1	4642	1668	CC	10.3	424	507	10	0	21
1	4642	1852	CC	5.3	253	464	4	0	10
1	4642	1853	CC	34.1	3287	1884	364	49	140
1	4642	1853	HWSH	33.2	1047	1267	46	0	84
1	4642	1854	CC	39.1	3152	1059	2375	98	130
1	4642	1896	CC	24.1	2385	1152	305	65	72
2	3433	2260	HWSH	7.9	98	463	4	0	8
2	3433	2260	CC	0.8	33	79	1	0	1
2	3433	2362	CC	17.1	1221	1336	176	62	47
2	3443	2341	CEPC	4.1	146	1	95	0	3
2	3443	2341	HWSH	1.3	16	87	0	0	2
2	3443	2341	CC	2.8	116	37	241	0	0
2	3443	2342	CEPC	1.4	40	4	0	0	0
2	3443	2342	CC	3.8	180	76	334	0	7
2	3446	2262	HWPC	2	65	39	0	0	0
2	3446	2262	HWSH	4.9	71	370	1	0	9
2	3446	2262	CC	63.2	5119	3001	837	33	419
2	3447	2264	HWSH	11.2	395	518	18	4	44
2	3447	2264	CC	7.4	443	362	393	4	56
2	3447	2264	CEPC	3.8	101	20	0	0	0
2	3447	2265	CC	12.3	504	1104	37	3	84
2	3447	2900	CC	15.9	868	1076	111	1	48
2	3448	2266	CC	25.4	1585	1423	734	10	147
2	3449	2267	CC	32.7	2101	1972	821	19	112
2	3449	2268	CC	28.6	1340	592	281	0	100
2	3531	2269	CC	51.8	2780	4518	386	24	577
2	3531	2269	HWPC	31.3	941	599	2	0	0
2	3531	2269	HWSH	9.9	0	862	5	0	19
2	3532	2271	HWSH	5.5	88	440	3	0	11
2	3535	2272	CC	10.4	914	745	74	0	0
2	3535	2272	HWPC	68.7	453	1793	0	0	0
2	3535	2273	HWPC	15.9	107	412	0	0	0
2	3535	2273	CC	18.2	2304	767	68	0	0
2	3536	2275	CC	18.4	1163	956	65	0	18
2	3536	2275	HWPC	6.8	45	218	0	0	0
2	3536	2275	HWSH	11.6	82	587	0	0	0
2	3536	2374	CC	50.9	3083	3193	950	1	101
2	3536	2613	CC	3.9	14	158	0	0	0
2	3536	2613	HWPC	25.1	201	396	0	0	0
2	3536	2901	CC	17.3	1600	1571	134	0	0
2	3536	2901	HWPC	10.4	83	197	0	0	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
2	3538	2276	HWSH	4.4	47	322	4	0	4
2	3543	2277	CEPC	4.7	139	17	0	0	0
2	3543	2277	CC	2	217	41	47	7	7
2	3543	2278	CC	3.4	192	266	16	0	9
2	3543	2279	CC	10.7	480	143	857	0	16
2	3543	2620	CC	25.2	1203	390	1830	13	34
2	3627	2345	CC	68.3	4990	603	78	0	4
2	3627	2346	TWPS	33	1163	343	0	0	0
2	3627	2347	TWPS	2.1	35	4	0	0	0
2	3627	2347	CC	13.4	496	752	5	0	0
2	3627	2348	HWSH	0.4	4	23	0	0	0
2	3627	2348	CC	41.2	3708	1493	363	82	23
2	3627	2349	CC	58.9	6329	476	465	0	0
2	3627	2350	HWSH	11.7	108	874	12	0	12
2	3627	2350	TWPS	77.4	2384	914	0	0	0
2	3627	2351	TWPS	50.1	1573	773	0	0	0
2	3627	2618	TWPS	19.4	642	2	0	0	0
2	3627	2637	CC	7.9	212	1288	0	0	0
2	3628	2353	TWPS	53.4	1732	248	0	0	0
2	3628	2354	CC	18.5	1251	1346	180	12	98
2	3628	2354	CEPC	10.3	417	39	0	10	0
2	3628	2354	HWSH	7.6	88	474	4	0	8
2	3628	2355	CC	34.6	3441	1279	492	52	48
2	3628	2666	CC	14.9	639	1531	15	0	15
2	3628	2666	HWPC	95.8	2646	1716	18	0	0
2	3631	2281	CC	35.5	1710	2701	357	120	53
2	3631	2281	HWSH	7.2	110	556	4	0	11
2	3631	2282	CC	2.3	198	123	32	0	5
2	3631	2282	HWSH	69.8	1089	5917	40	0	142
2	3632	2270	HWSH	6	75	600	3	0	11
2	3632	2283	CC	7.6	513	444	122	46	15
2	3632	2284	CEPC	12.4	467	68	19	0	1
2	3632	2284	CC	22.2	1573	1239	566	60	73
2	3632	2285	CC	47.7	1971	1843	1463	72	62
2	3632	2286	CC	40.5	1309	2077	1665	97	70
2	3632	2287	CC	23.9	1052	522	2080	0	49
2	3632	2619	CC	24.4	844	784	1375	43	41
2	3632	2903	CEPC	4.9	177	44	0	0	0
2	3632	2903	CC	39.5	3884	1642	506	116	62
2	3633	2288	CC	38.7	2545	2775	560	166	108
2	3633	2627	CC	4.6	367	87	128	83	0
2	3635	2290	CC	11.9	1088	570	36	0	13
2	3635	2290	HWPC	2.8	25	44	0	0	0
2	3635	2290	HWSH	10.2	0	541	0	0	0
2	3635	2291	HWPC	4.7	42	75	0	0	0
2	3635	2291	CC	9.7	1101	468	23	0	0
2	3635	2292	CC	3.1	302	238	40	0	0
2	3635	2292	HWPC	5.7	36	185	0	0	0
2	3635	2293	CC	3.9	398	283	47	0	0
2	3635	2293	HWSH	15.2	0	937	0	0	0
2	3635	2293	HWPC	13	104	182	0	0	0
2	3635	2297	CC	5.1	366	160	0	0	0
2	3635	2297	HWSH	6.2	68	339	0	0	0
2	3635	2651	CC	15.2	952	147	0	0	0
2	3636	2294	CC	10.4	793	853	87	0	0
2	3636	2295	CC	20.7	1273	1749	123	0	6

Period	Map #	Block #	Px	Area	SPF M3	Hwd M3	Ced M3	Pine M3	Hem M3
2	3636	2296	HWSH	20.1	191	1484	0	0	0
2	3636	2296	CC	34.4	1767	1638	63	0	0
2	3636	2296	HWPC	39.6	332	666	0	0	0
2	3636	2298	CC	8.1	833	526	97	0	0
2	3636	2299	CC	5.8	351	427	70	0	0
2	3637	2300	HWPC	82.2	651	1300	0	0	0
2	3637	2301	HWSH	23.6	244	1299	0	0	0
2	3637	2301	HWPC	1	8	17	0	0	0
2	3637	2301	CC	21.1	2100	1427	60	0	0
2	3637	2302	HWPC	8.2	66	148	0	0	0
2	3637	2303	HWSH	3.7	0	234	0	0	0
2	3637	2303	HWPC	24.3	214	388	0	0	0
2	3637	2303	CC	3	9	119	0	0	0
2	3637	2304	CC	11.5	934	403	15	9	0
2	3637	2304	HWPC	6.4	45	135	0	0	0
2	3637	2304	HWSH	5.1	48	375	0	0	0
2	3639	2305	TWPS	6.3	170	68	0	0	0
2	3639	2628	CC	31.1	1325	2760	62	13	60
2	3641	2306	CC	3.4	208	345	61	0	20
2	3641	2306	HWSH	48.2	593	3376	23	0	61
2	3642	2307	CC	5.7	548	311	101	0	29
2	3642	2307	HWSH	20.4	483	1106	10	0	32
2	3642	2307	CEPC	5.1	194	0	169	0	5
2	3642	2308	CC	6.5	404	558	38	0	59
2	3642	2638	TWPS	20.1	610	278	0	0	0
2	3647	2309	CC	41.9	2437	2521	942	22	220
2	3647	2309	CEPC	1	29	1	0	0	0
2	3727	2356	TWPS	32.2	1140	11	0	0	0
2	3728	2352	CC	12.9	373	1977	2	0	0
2	3728	2352	HWSH	6.2	48	446	0	0	0
2	3733	2542	CC	12.2	574	671	7	61	2
2	3734	2310	CC	44.3	3138	2538	681	153	98
2	3734	2310	HWSH	8.1	92	885	4	0	16
2	3735	2311	HWPC	28.5	173	962	0	0	0
2	3735	2311	HWSH	30.3	360	1472	4	0	5
2	3735	2312	CC	26.6	1142	2013	51	0	78
2	3735	2312	HWSH	4	0	247	0	0	0
2	3735	2312	HWPC	8.3	67	158	0	0	0
2	3735	2319	CC	8.1	569	445	29	0	0
2	3735	2319	HWPC	8.8	58	191	0	0	0
2	3735	2603	HWPC	36.7	293	678	0	0	0
2	3735	2621	CC	21.3	1708	1132	288	43	92
2	3735	2621	HWSH	5.8	61	421	6	0	8
2	3735	2639	HWSH	7.4	74	418	0	0	0
2	3735	2639	CC	16.5	597	1727	35	10	3
2	3735	2648	HWSH	15.3	388	603	9	0	16
2	3736	2316	CC	0.1	9	15	0	0	0
2	3736	2316	HWSH	62.7	699	3309	0	0	0
2	3736	2318	CC	39.4	1858	3057	136	0	0
2	3736	2320	CC	7	679	328	16	0	0
2	3736	2321	HWPC	0.3	3	4	0	0	0
2	3736	2321	CC	5.4	380	130	17	0	0
2	3736	2322	HWPC	89.8	742	1565	0	0	0
2	3736	2367	CC	36.6	3251	2655	195	0	14
2	3736	2370	CC	40.6	1949	3004	63	0	20
2	3736	2371	CC	33.7	1924	2065	138	0	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
2	3736	2371	HWPC	26.2	199	451	0	0	0
2	3736	2371	HWSH	10	96	406	0	0	0
2	3736	2371	CT	51.6	1650	247	0	0	0
2	3736	2372	CC	22.1	1203	1699	23	0	38
2	3736	2640	CC	63	2036	5620	55	33	20
2	3736	2652	CT	19.9	857	128	0	0	0
2	3737	2323	HWSH	123.5	738	7048	2	0	3
2	3737	2323	HWPC	106.5	870	2050	0	0	0
2	3737	2323	CC	4.2	138	77	1	0	0
2	3737	2324	HWPC	29.1	217	581	0	0	0
2	3737	2324	HWSH	10.5	78	669	0	0	0
2	3737	2324	CC	9.1	231	356	4	0	8
2	3737	2615	CC	22.5	2748	869	20	0	0
2	3737	2615	HWPC	0.5	4	11	0	0	0
2	3737	2649	CC	31.8	574	2284	13	0	9
2	3737	2649	HWPC	9.2	83	147	0	0	0
2	3737	2662	HWPC	24.6	194	428	0	0	0
2	3737	2662	HWSH	10.7	305	345	0	0	0
2	3738	2325	HWPC	22.8	191	336	0	0	0
2	3738	2325	CC	10.6	1060	530	32	0	0
2	3738	2325	HWSH	0.1	1	7	0	0	0
2	3738	2326	CC	17.7	1043	1048	32	0	9
2	3738	2326	HWSH	5.8	55	425	0	0	0
2	3738	2327	HWPC	4.4	26	149	0	0	0
2	3738	2327	CC	16.3	949	1033	26	0	30
2	3738	2328	HWSH	3.6	33	197	0	0	0
2	3738	2328	CC	15.5	765	974	26	0	1
2	3738	2328	HWPC	15.7	114	371	0	0	0
2	3738	2329	CC	3.7	239	395	4	0	2
2	3738	2329	HWPC	13.3	109	258	0	0	0
2	3738	2616	HWPC	60.8	702	1754	0	0	0
2	3738	2616	CC	2.3	338	42	14	0	0
2	3738	2658	CC	35.8	1286	1841	4	0	0
2	3738	2658	HWPC	20.1	108	650	0	0	0
2	3739	2330	HWSH	0.4	6	33	0	0	1
2	3739	2330	CC	38.1	2476	2800	260	16	73
2	3739	2330	HWPC	2.8	17	116	0	0	0
2	3739	2331	CC	30.9	985	3307	109	10	59
2	3739	2332	CC	9.9	908	539	169	0	47
2	3740	2333	HWPC	1.9	64	39	0	0	0
2	3740	2333	CC	14.4	1161	660	594	37	44
2	3740	2334	HWSH	2.2	27	145	0	0	3
2	3740	2334	CEPC	4.1	173	12	62	0	0
2	3740	2334	CC	21.6	1164	929	404	9	21
2	3743	2335	CC	9.8	729	710	87	4	33
2	3743	2335	HWSH	4.8	72	371	2	0	7
2	3745	2337	CEPC	17	611	17	441	0	17
2	3745	2337	TWPS	37.4	1283	0	0	0	0
2	3745	2337	CC	22.4	770	940	714	0	99
2	3745	2338	CC	11.4	868	506	123	12	97
2	3745	2338	HWPC	3.3	105	66	0	0	0
2	3747	2340	CC	9.1	903	455	114	16	55
2	3747	2403	CT	29.2	1234	197	0	0	0
2	3747	2904	CC	31.5	2286	707	858	41	89
2	3836	2366	CC	2.2	125	149	7	0	0
2	3836	2366	HWSH	5.1	0	315	0	0	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd M3	Ced M3	Pine M3	Hem M3
2	3837	2357	HWPC	87.7	765	1474	0	0	0
2	3837	2358	HWPC	120.5	997	2348	0	0	0
2	3837	2358	CC	5.9	418	435	71	0	0
2	3837	2359	HWSH	15.5	147	1084	0	0	0
2	3837	2359	HWPC	270.3	2155	5661	0	0	0
2	3837	2478	CC	25.5	2755	1209	52	0	0
2	3837	2617	CC	11.5	1347	182	17	1	0
2	3837	2617	HWPC	99.5	717	2374	0	0	0
2	3837	2665	HWPC	147.5	1104	3279	0	0	0
2	3838	2360	HWPC	125.3	1025	2290	0	0	0
2	3838	2360	HWSH	14.2	0	1012	0	0	0
2	3838	2360	CC	8.7	367	577	14	1	18
2	3838	2361	HWPC	63.6	820	1234	5	0	0
2	3838	2361	HWSH	30.3	299	1899	0	0	0
2	3838	2361	CC	20.6	1042	1756	622	18	17
2	3838	2363	HWPC	70.3	769	1089	0	0	0
2	3838	2364	CT	55.2	1838	285	0	0	0
2	3838	2365	CT	137.2	4422	669	0	0	0
2	3839	2375	CC	6.5	624	356	5	0	0
2	3839	2375	TWPS	6.5	188	194	0	0	0
2	3839	2376	CC	2.6	185	36	0	0	0
2	3839	2376	HWPC	13.7	102	185	0	0	0
2	3839	2641	CC	24.5	304	2757	22	0	10
2	3839	2650	CC	3.7	462	82	24	0	0
2	3839	2650	HWPC	30.2	2	0	0	0	0
2	3840	2377	HWPC	64.4	645	764	0	0	0
2	3840	2378	CT	10.8	471	71	0	0	0
2	3840	2378	CC	5.9	403	306	9	0	12
2	3840	2379	CC	8	418	833	32	0	0
2	3840	2440	CC	11.7	767	1048	54	0	0
2	3840	2642	CC	16.4	292	1729	18	0	0
2	3841	2380	HWSH	4.7	120	162	2	0	5
2	3841	2380	HWPC	50.3	653	831	0	0	0
2	3841	2380	CC	1.8	216	85	19	0	0
2	3841	2381	HWPC	82.3	629	1177	0	0	0
2	3841	2381	CC	6	411	424	7	0	4
2	3841	2382	CC	11.1	1310	239	6	0	0
2	3841	2383	TWPS	18.2	738	15	0	0	0
2	3841	2384	HWSH	11.9	419	547	2	0	0
2	3841	2384	HWPC	78.8	749	1082	0	0	0
2	3841	2385	HWSH	31.5	844	1958	23	2	61
2	3841	2385	HWPC	82.6	733	1337	0	0	0
2	3841	2386	HWPC	70.2	539	916	0	0	0
2	3841	2386	CC	5.2	405	404	17	0	0
2	3841	2386	HWSH	13.1	309	780	3	0	0
2	3841	2441	HWPC	2.3	18	47	0	0	0
2	3841	2441	CC	3.3	349	212	3	3	0
2	3841	2442	CC	10.1	408	596	7	0	10
2	3841	2604	HWPC	10.2	82	163	0	0	0
2	3841	2604	CC	4	261	314	5	0	9
2	3841	2605	HWPC	7.7	68	127	0	0	3
2	3841	2606	TWPS	8.8	336	0	2	0	0
2	3841	2607	TWPS	3	117	0	0	0	0
2	3842	2280	CC	48	2290	3962	443	19	167
2	3842	2280	HWPC	50	1382	951	8	0	0
2	3842	2658	CC	9.6	695	666	83	10	20

Period	Map #	Block #	Px	Area	SPF M3	Hwd M3	Ced M3	Pine M3	Hem M3
2	3843	2387	CC	27.2	1698	2220	138	9	160
2	3844	2389	CT	12.8	431	65	0	0	0
2	3844	2390	CC	12.2	882	323	183	6	91
2	3844	2391	HWSH	6.7	37	83	0	0	7
2	3844	2391	CC	9.3	531	791	43	5	117
2	3845	2392	CT	9.4	300	45	0	0	0
2	3845	2393	CT	67.4	2156	323	0	0	0
2	3845	2394	CC	42.9	4687	965	565	114	8
2	3845	2394	CEPC	27.2	936	262	0	0	0
2	3845	2395	CC	2.8	249	148	39	0	31
2	3845	2396	CEPC	1.3	32	12	0	0	0
2	3845	2396	CT	58.1	1858	279	0	0	0
2	3846	2397	HWSH	1.7	25	131	1	0	3
2	3846	2397	CC	4.1	254	376	20	0	57
2	3846	2397	CEPC	9.8	354	89	3	0	0
2	3846	2398	CC	5.2	353	265	41	0	31
2	3846	2399	CC	1.5	92	142	8	0	23
2	3846	2399	CEPC	1.5	51	0	27	0	2
2	3846	2400	CC	4.1	88	83	12	3	7
2	3846	2400	CEPC	0.7	24	0	13	0	1
2	3846	2400	HWSH	36.6	552	2672	22	0	73
2	3846	2401	HWSH	41.4	724	3007	33	0	99
2	3847	2402	CT	91.4	2924	439	0	0	0
2	3933	2406	CC	21.7	1887	1065	327	1	237
2	3933	2543	CC	40.3	3724	966	546	80	195
2	3936	2410	CT	22	705	109	0	0	0
2	3936	2411	CT	5	159	24	0	0	0
2	3936	2412	HWPC	149.8	1272	2437	0	0	0
2	3936	2412	CC	8.9	549	381	0	0	0
2	3936	2413	HWPC	48.5	385	923	0	0	0
2	3936	2413	CC	2.4	7	94	0	0	0
2	3937	2414	CC	2.1	175	88	8	0	0
2	3937	2414	HWPC	182.5	1606	3024	0	0	0
2	3937	2415	HWPC	4.1	28	122	0	0	0
2	3937	2415	HWSH	4.8	45	316	0	0	0
2	3937	2415	TWPS	55.3	1617	1547	0	0	0
2	3937	2416	CC	24.5	2872	460	137	0	0
2	3937	2417	HWPC	128.7	1328	2027	0	0	0
2	3937	2439	CC	30.1	2184	1008	105	71	0
2	3938	1636	CC	3.7	99	599	0	0	0
2	3938	2419	CC	4.2	151	664	1	0	0
2	3938	2419	TWPS	19	547	564	0	0	0
2	3938	2420	HWSH	11.5	50	701	0	0	0
2	3938	2420	HWPC	43.5	495	636	0	0	0
2	3938	2420	CC	30	3792	333	326	0	0
2	3938	2421	HWPC	7.8	84	170	0	0	0
2	3938	2421	HWSH	15.2	149	998	0	0	0
2	3938	2422	TWPS	45.3	1979	57	0	0	0
2	3938	2423	CT	10.4	445	67	0	0	0
2	3938	2424	TWPS	10.9	256	81	0	0	0
2	3938	2425	CC	17.4	314	1358	25	0	33
2	3938	2425	CT	35.2	1317	204	0	0	0
2	3938	2427	HWPC	6.6	73	86	0	0	0
2	3938	2428	CC	7.7	767	460	92	0	0
2	3938	2614	TWPS	8.3	325	1	0	0	0
2	3938	2614	CC	1.1	64	78	3	0	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd M3	Ced M3	Pine M3	Hem M3
2	3938	2653	CT	14.2	610	91	0	0	0
2	3938	2668	HWPC	68.8	0	2132	0	0	0
2	3939	2429	CC	2.3	196	147	16	0	0
2	3939	2429	CT	15.3	514	77	0	0	0
2	3939	2430	CC	0.4	1	1	0	0	0
2	3939	2430	CT	110.6	3699	555	0	0	0
2	3939	2431	CT	84.3	2698	405	0	0	0
2	3939	2432	CT	20.9	869	130	0	0	0
2	3939	2433	CC	14.9	1754	580	68	0	0
2	3939	2435	CC	18	1314	1022	53	30	0
2	3940	2436	CT	8	343	51	0	0	0
2	3940	2437	CT	12.2	523	78	0	0	0
2	3940	2438	CT	26.9	1170	175	0	0	0
2	3940	2443	CC	6.2	836	182	41	0	0
2	3940	2443	HWPC	20.3	178	343	0	0	0
2	3940	2474	CC	26.1	2522	417	12	48	0
2	3941	2444	CC	24.9	2059	1866	81	0	0
2	3941	2444	HWPC	85.6	809	1546	0	0	0
2	3941	2445	CC	11.4	1326	580	23	0	0
2	3941	2446	CC	27.2	2484	1377	54	80	0
2	3941	2446	HWPC	23.5	194	382	0	0	0
2	3941	2630	CC	22.1	1891	530	17	58	0
2	3942	2447	CC	10.2	948	730	24	0	0
2	3942	2447	HWPC	31.7	253	443	0	0	0
2	3942	2448	HWPC	8.4	0	0	0	0	0
2	3942	2448	CC	31.8	2532	2072	320	0	20
2	3942	2449	CC	13.7	1318	1047	140	0	0
2	3942	2449	HWSH	49.8	1639	2873	16	0	16
2	3942	2482	HWSH	12.6	278	872	0	0	13
2	3942	2482	CC	38.9	2671	1255	698	0	251
2	3942	2482	HWPC	4.4	34	81	0	0	0
2	3943	2450	CC	21.8	2608	926	129	0	0
2	3943	2450	HWSH	8.6	189	593	0	0	9
2	3943	2452	CC	32.7	3565	1816	282	0	6
2	3943	2452	HWSH	37.7	1238	2074	6	0	10
2	3944	2388	CT	17	727	109	0	0	0
2	3944	2453	CC	10.1	294	1329	0	0	0
2	3944	2453	HWSH	59	674	4110	21	0	56
2	3944	2454	CT	21.2	743	105	0	0	0
2	3944	2455	CT	50.9	2117	317	0	0	0
2	3944	2456	CC	21	2120	273	147	0	0
2	3944	2643	CC	18.2	1733	1249	112	3	0
2	3944	2643	HWPC	14.8	335	0	0	0	0
2	3944	2661	CT	19.1	973	148	0	0	0
2	4032	2404	CC	17.2	1105	911	263	77	31
2	4032	2667	CC	21	1619	1222	274	99	42
2	4039	2434	CT	11.1	474	71	0	0	0
2	4040	2457	CC	34.3	3316	688	220	0	0
2	4040	2458	CC	18.1	1737	319	109	0	0
2	4040	2459	CC	2.4	207	38	14	0	0
2	4040	2460	CC	8.7	1241	167	55	0	0
2	4040	2460	HWPC	0.3	4	6	0	0	0
2	4040	2461	HWPC	2.2	24	37	0	0	0
2	4040	2461	HWSH	7.9	0	378	0	0	0
2	4040	2461	CC	7.7	555	717	0	0	0
2	4040	2462	CT	8.5	273	43	0	0	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd M3	Ced M3	Pine M3	Hem M3
2	4040	2463	CT	33.4	1432	214	0	0	0
2	4040	2465	CC	14.1	1852	465	112	0	0
2	4040	2466	CC	35	4799	1025	276	0	0
2	4040	2654	TWPS	31.6	1309	0	0	0	0
2	4040	2669	HWPC	39.8	10	599	0	0	3
2	4040	2670	HWPC	82.7	20	1005	0	0	0
2	4041	2159	CC	130.4	1521	11144	19	0	0
2	4041	2159	HWPC	35.8	18	1323	0	0	0
2	4041	2467	TWPS	17.1	615	185	0	0	0
2	4041	2468	CC	23.6	2141	769	46	0	0
2	4041	2468	HWPC	10	67	383	0	0	0
2	4041	2469	TWPS	6.6	212	93	0	0	0
2	4041	2469	HWPC	2.4	34	49	0	0	0
2	4041	2470	HWPC	6.1	91	128	0	0	0
2	4041	2470	CC	4.2	387	292	8	0	0
2	4041	2471	CT	31.3	1001	150	0	0	0
2	4041	2472	CC	10.5	1367	209	43	0	0
2	4041	2473	HWSH	9.2	326	429	0	0	0
2	4041	2475	HWSH	44.7	393	3208	0	0	0
2	4041	2475	CC	0.1	0	0	0	0	0
2	4041	2478	CC	36.9	2099	2393	312	0	0
2	4041	2479	HWSH	6.5	0	784	0	0	0
2	4041	2608	CT	2.7	86	13	0	0	0
2	4041	2609	CT	5.9	190	28	0	0	0
2	4041	2623	CC	22.7	1169	692	89	0	0
2	4042	2313	CC	16.1	1714	642	78	0	0
2	4042	2479	TWPS	7.7	398	0	0	0	0
2	4042	2480	HWSH	0.7	15	43	0	0	1
2	4042	2480	CC	7.9	648	709	32	0	0
2	4042	2481	CC	7.9	597	752	21	0	1
2	4042	2483	TWPS	18.4	629	63	0	0	0
2	4042	2484	CC	6.9	773	321	13	0	0
2	4042	2484	HWSH	20	492	863	7	0	6
2	4042	2485	CC	19.9	1365	1153	7	0	0
2	4042	2486	CC	10.6	1233	130	68	3	0
2	4042	2487	CC	17.9	1661	595	177	0	0
2	4042	2487	HWPC	33.5	740	893	0	0	0
2	4042	2488	TWPS	54.8	864	250	0	0	0
2	4042	2495	CC	26.6	2820	929	159	6	0
2	4042	2610	TWPS	38.8	1157	54	0	0	0
2	4042	2631	CC	64.4	3115	3326	678	0	0
2	4042	2632	CC	17.2	738	903	182	0	0
2	4043	2261	HWPC	152.9	76	4045	0	0	0
2	4043	2489	CC	32.9	1968	1275	225	0	8
2	4043	2490	HWSH	30.1	0	1988	0	0	30
2	4043	2491	CT	14.6	682	102	0	0	0
2	4043	2492	TWPS	15.3	509	109	0	0	0
2	4043	2493	CC	5.8	556	198	45	0	0
2	4043	2494	CC	32.3	2721	720	150	62	0
2	4043	2496	HWSH	18	555	924	8	0	0
2	4043	2496	CC	54	5791	2972	556	0	8
2	4043	2498	TWPS	27	827	317	0	0	0
2	4043	2537	CC	25.2	2438	1861	173	0	3
2	4043	2537	HWSH	18.8	546	1000	4	0	3
2	4043	2633	CC	9.2	571	499	26	50	1
2	4043	2658	CC	9.5	1361	180	65	0	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd M3	Ced M3	Pine M3	Hem M3
2	4044	2499	TWPS	18.4	461	133	0	0	0
2	4044	2499	HWSH	1.8	40	126	0	0	2
2	4044	2500	TWPS	21.4	862	1	0	0	0
2	4044	2501	CT	27	1158	173	0	0	0
2	4044	2502	CC	5	496	334	35	0	0
2	4044	2502	HWSH	41.9	1163	2597	7	0	28
2	4044	2504	HWSH	10.5	328	640	3	0	4
2	4044	2504	CC	32.4	2941	2499	280	0	5
2	4044	2505	HWSH	3.2	81	213	0	0	3
2	4044	2505	CC	2.6	199	273	5	0	0
2	4044	2507	CC	7.6	583	592	31	0	2
2	4044	2622	TWPS	27.8	1404	0	0	0	0
2	4140	2263	CC	25	2539	1727	305	0	0
2	4140	2407	HWSH	6.1	61	342	0	0	0
2	4140	2407	CC	57.2	5662	1827	755	21	0
2	4140	2407	CEPC	13	182	0	0	0	0
2	4140	2407	HWPC	9.7	112	152	0	0	0
2	4140	2464	CC	9.7	865	607	45	0	0
2	4140	2503	CC	29.9	3558	1298	120	0	0
2	4140	2508	HWSH	28.6	1043	1491	11	0	1
2	4140	2509	CT	90.8	3856	579	0	0	0
2	4140	2510	CC	14.2	1482	139	136	8	0
2	4140	2512	CC	43	4199	443	430	0	0
2	4140	2611	CT	0.4	13	2	0	0	0
2	4140	2612	CT	0.6	19	3	0	0	0
2	4141	2314	CC	12.8	1318	134	134	3	0
2	4141	2477	CC	17.1	2355	349	127	0	0
2	4141	2506	CC	21.1	3005	384	121	0	0
2	4141	2513	HWPC	7.5	82	90	0	0	0
2	4141	2513	CC	9	758	702	24	0	0
2	4141	2514	CC	37	4098	1153	128	1	0
2	4141	2515	CC	15.8	1554	1211	203	0	0
2	4141	2515	HWPC	9.7	31	60	0	0	0
2	4141	2516	CC	23.6	3343	479	172	0	0
2	4141	2516	HWPC	19.8	239	470	0	0	0
2	4141	2517	CC	34.6	4399	1066	136	0	0
2	4141	2518	CC	63	5216	2913	468	0	0
2	4141	2518	HWSH	0.7	0	70	0	0	0
2	4141	2519	CC	0.3	19	28	0	0	0
2	4141	2519	HWPC	11.2	191	381	0	0	0
2	4141	2519	HWSH	16.9	587	890	8	0	0
2	4141	2520	TWPS	22.3	796	56	0	0	0
2	4141	2526	CC	0.7	93	11	3	0	0
2	4141	2527	CC	0.1	16	1	0	0	0
2	4141	2644	CT	60.1	1923	289	0	0	0
2	4141	2656	CC	5	508	86	30	0	0
2	4142	2317	CC	15.4	1356	937	63	0	0
2	4142	2343	CC	31.6	3198	2014	68	0	0
2	4142	2521	CC	67.8	6262	2637	27	0	0
2	4142	2522	CC	24.9	3448	636	167	0	0
2	4142	2522	HWPC	4	61	133	0	0	0
2	4142	2523	CT	20.5	906	138	0	0	0
2	4142	2524	HWPC	7.4	111	245	0	0	0
2	4142	2524	CC	20.6	2292	1255	79	0	0
2	4142	2525	CT	16.2	688	103	0	0	0
2	4142	2528	CC	10.2	1378	165	37	0	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
2	4142	2528	HWPC	5.8	88	138	0	0	0
2	4142	2529	CC	12.9	1119	1022	17	0	0
2	4142	2529	HWPC	9.3	155	301	0	0	0
2	4142	2530	CT	38.1	1219	183	0	0	0
2	4142	2531	CT	38	1215	182	0	0	0
2	4142	2532	CT	5.5	176	26	0	0	0
2	4142	2533	CT	27.6	884	133	0	0	0
2	4142	2534	HWPC	2.9	44	96	0	0	0
2	4142	2534	CC	25.2	2818	1430	238	0	0
2	4142	2535	CC	43.2	4900	1621	193	1	0
2	4142	2536	TWPS	25	818	301	0	0	0
2	4142	2554	CC	27.9	2336	2516	252	0	0
2	4142	2555	HWPC	29.6	457	515	0	0	0
2	4142	2556	HWPC	25.5	488	578	0	0	4
2	4143	2538	CC	19.7	2188	1048	116	0	0
2	4143	2539	CC	28	3059	1619	182	0	0
2	4143	2541	HWSH	39.5	1366	2064	11	0	0
2	4143	2545	CC	35.5	3491	2358	275	0	0
2	4143	2546	HWSH	6.1	135	423	0	0	6
2	4143	2546	CEPC	0.1	1	0	0	0	0
2	4143	2546	CC	36.7	3455	2876	322	0	0
2	4143	2548	CC	36.2	3792	2264	275	0	0
2	4143	2548	TWPS	13.2	419	163	0	0	0
2	4143	2548	HWSH	50.5	1623	2889	16	0	17
2	4143	2549	HWPC	4.4	75	151	0	0	0
2	4143	2550	HWPC	46.3	1132	689	0	0	0
2	4143	2550	CC	6.3	470	575	6	0	0
2	4143	2551	HWSH	9	206	598	0	0	9
2	4143	2551	CC	15.9	1259	1252	86	0	1
2	4143	2552	CC	2.1	118	252	6	0	3
2	4143	2553	CC	23.1	2005	2038	189	0	8
2	4144	2547	TWPS	30.8	1214	114	0	0	0
2	4240	2511	TWPS	14.1	384	148	0	0	0
2	4240	2557	CC	54.9	4846	1417	394	0	0
2	4240	2663	TWPS	18.5	439	85	0	0	0
2	4240	2663	CC	13.7	1724	29	27	0	0
2	4241	2408	HWSH	39.1	19	2962	0	0	0
2	4241	2559	HWSH	12.6	264	714	10	0	10
2	4241	2559	CC	0.2	4	5	1	0	0
2	4241	2559	HWPC	5.6	56	129	0	0	0
2	4241	2560	CC	45.2	3599	1070	350	3	0
2	4241	2562	HWPC	15.4	261	522	0	0	0
2	4241	2562	CC	4.9	248	353	11	3	0
2	4241	2563	HWSH	3.5	40	181	0	0	0
2	4241	2563	HWPC	1.3	21	45	0	0	0
2	4241	2563	CC	27.1	2411	1944	148	2	0
2	4241	2564	CT	66.1	2442	366	0	0	0
2	4241	2565	HWPC	33.7	432	843	0	0	2
2	4241	2565	CC	29.7	2669	716	615	0	0
2	4241	2657	CC	23.9	2646	263	204	0	0
2	4242	2566	HWSH	15.6	39	996	12	0	39
2	4242	2566	CC	0.9	64	27	8	3	3
2	4341	2567	CT	27.9	693	56	0	45	0
2	4341	2568	CT	30.9	1305	195	0	0	0
2	4341	2570	HWSH	0.3	5	26	0	0	1
2	4341	2660	CC	1.5	174	42	26	6	3

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
2	4341	2660	CT	16.4	447	48	0	17	0
2	4342	2569	CC	50.3	4858	1889	555	236	144
2	4342	2569	HWSH	1.2	14	80	0	0	2
2	4342	2572	CC	18.6	1265	1217	111	91	77
2	4342	2573	CC	34.4	3492	813	1104	96	57
2	4342	2574	HWPC	20.4	0	387	0	0	0
2	4342	2575	HWSH	11.4	148	858	6	0	17
2	4342	2575	TWPS	13.4	511	9	0	0	0
2	4342	2575	CC	7.5	480	139	9	50	12
2	4442	2373	CC	7.5	507	140	636	22	30
2	4442	2405	CC	23.1	2019	1300	225	82	61
2	4442	2634	CC	4.2	444	237	55	17	17
2	4541	2576	HWPC	6.4	193	189	6	0	0
2	4541	2577	HWSH	9.8	146	913	5	0	20
2	4541	2577	CC	12.1	761	941	50	3	31
2	4541	2635	HWPC	124.2	9	2315	0	0	0
2	4542	2578	HWSH	8.9	302	426	18	0	27
2	4542	2578	CC	8.5	721	484	35	54	33
2	4542	2579	CC	1.7	123	125	11	7	3
2	4542	2580	CC	0.6	33	72	0	4	0
2	4542	2580	TWPS	4.4	147	0	0	0	0
2	4542	2581	TWPS	26.5	962	176	0	0	0
2	4542	2582	CT	47.3	2065	309	0	0	0
2	4542	2583	CC	32.9	3620	1256	429	82	115
2	4542	2583	HWSH	11.1	373	495	11	0	33
2	4542	2583	TWPS	34.8	1505	1	0	0	0
2	4542	2584	CC	14.6	1272	1017	77	16	64
2	4542	2585	HWSH	18.9	544	1004	22	0	43
2	4542	2585	CC	4	392	218	52	0	20
2	4542	2586	HWSH	16.1	471	799	11	0	27
2	4542	2586	CC	0.1	1	0	0	0	0
2	4542	2598	CC	47.4	3542	2123	1286	86	217
2	4542	2671	HWPC	42.4	790	501	106	0	82
2	4543	2587	CT	32.3	1397	209	0	0	0
2	4543	2589	CC	0.3	23	6	31	1	1
2	4543	2589	TWPS	36.6	1290	0	0	0	0
2	4543	2590	CC	32.6	2589	2205	224	59	109
2	4543	2591	CC	8.4	557	805	29	39	36
2	4543	2591	HWSH	13.5	169	969	7	0	20
2	4543	2592	TWPS	13.5	458	8	0	0	0
2	4543	2592	HWSH	4.5	59	341	2	0	7
2	4543	2593	CT	49.2	2106	315	0	0	0
2	4543	2594	CC	3.8	306	289	7	18	0
2	4641	2595	CEPC	2.5	96	7	62	0	2
2	4641	2595	TWPS	41.9	1267	140	0	0	0
2	4641	2596	CC	5	314	100	499	10	20
2	4641	2596	HWSH	14.5	514	804	23	0	43
2	4641	2597	HWSH	17.1	0	1750	9	0	34
2	4641	5212	CC	71.8	1209	7439	37	0	150
2	4642	2544	CC	33.8	3518	1002	496	98	50
2	4642	2599	CC	41.8	4556	1242	347	141	47
2	4642	2600	CC	27.2	3043	701	248	140	92
2	4642	2624	CC	16.3	1849	426	220	44	22
2	4642	2636	HWPC	89.4	0	0	0	0	0
2	4643	2625	HWSH	8.8	295	392	9	0	26
2	4643	2625	CC	5.4	516	193	132	9	16

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
2	4643	2825	CC	4.4	357	369	41	46	8
2	4742	2540	CC	33.6	2976	1001	555	72	70
3	3403	1282	CC	23.9	282	2247	41	15	27
3	3433	3350	CC	44.4	2437	4074	375	31	67
3	3446	3351	CEPC	20.7	622	0	0	0	0
3	3446	3351	CC	18.5	1177	667	704	9	70
3	3449	3352	CEPC	1	38	6	0	0	0
3	3449	3352	CC	26.2	1497	1836	149	9	154
3	3449	3353	CEPC	6.1	194	0	64	0	4
3	3449	3353	CC	13	1226	591	125	21	69
3	3450	3641	CC	37.2	2738	2293	219	111	43
3	3531	3674	HWPC	49.9	156	2040	0	0	0
3	3532	3354	HWSH	12	252	826	8	0	21
3	3532	3642	CC	2.8	357	81	53	6	11
3	3532	3642	HWPC	20.6	700	361	0	0	0
3	3532	3642	CEPC	0.6	22	0	0	0	0
3	3532	3643	CC	6.9	350	372	75	0	31
3	3532	3706	HWPC	3.5	118	66	0	0	0
3	3532	3706	CC	20.3	1225	1782	106	51	26
3	3535	3357	CC	3.8	311	191	14	0	0
3	3535	3357	HWSH	16.9	163	996	0	0	0
3	3536	3359	CC	14	1343	636	45	0	0
3	3536	3360	CC	1.2	62	68	1	0	2
3	3536	3360	HWPC	13.4	107	254	0	0	0
3	3536	3362	HWSH	26.1	15	1523	0	0	0
3	3536	3644	CC	38.5	737	1899	15	0	29
3	3542	3363	CC	75.1	4277	2276	4803	75	166
3	3544	3364	CC	29.6	1547	866	2224	6	114
3	3544	3365	CC	10.1	423	131	1002	0	5
3	3544	3365	HWSH	6.5	81	462	3	0	10
3	3548	3645	CEPC	7	259	53	0	0	0
3	3548	3645	CC	45.5	4051	1433	852	72	135
3	3549	3366	CC	27.8	1580	1075	458	20	50
3	3549	3367	CT	16.5	533	46	7	33	0
3	3549	3367	HWPC	18.7	609	366	2	0	4
3	3549	3367	CC	37.4	1668	2729	785	26	192
3	3549	3646	CT	5.2	168	15	2	10	0
3	3627	3400	CC	23	2856	239	62	12	5
3	3627	3401	CC	37	4104	934	540	91	16
3	3627	3673	HWSH	34	624	2110	21	8	34
3	3627	3673	CC	8.8	967	346	58	4	8
3	3627	3707	CC	16.2	1981	75	58	0	0
3	3627	3716	CC	24	1770	1688	179	73	38
3	3627	3716	HWSH	30.6	349	1947	16	0	31
3	3627	3716	HWPC	0.2	7	3	0	0	0
3	3628	3402	CC	19	1436	1229	363	3	114
3	3628	3403	CC	24	1466	2230	153	2	390
3	3628	3403	HWSH	1.7	18	120	1	0	2
3	3628	3404	CC	44.8	2596	3741	277	9	130
3	3628	3406	CC	8.1	809	324	101	12	0
3	3628	3406	HWPC	18.4	28	700	0	0	0
3	3628	3406	HWSH	14.8	153	868	0	0	0
3	3628	3407	CC	61.6	4088	4278	390	43	232
3	3628	3647	HWSH	1.3	10	96	1	0	1
3	3628	3647	CC	27.4	2012	2093	279	10	89
3	3628	3695	CC	21.4	1553	1249	353	52	119

Period	Map #	Block #	Px	Area	SPF M3	Hwa M3	Ced. M3	Pine M3	Hem M3
3	3628	3708	CC	28.7	1912	2146	304	39	72
3	3631	3709	CC	63.8	4339	2907	1527	226	93
3	3632	3355	CC	1.5	99	110	15	9	3
3	3632	3356	CC	32.1	2768	1833	400	51	126
3	3632	3356	HWSH	14.7	141	1192	13	0	18
3	3632	3371	CC	18.7	1020	1498	421	12	89
3	3632	3711	CC	37	2317	3085	297	15	100
3	3633	3372	CEPC	8.6	343	9	318	0	9
3	3633	3372	CC	50.9	2297	2850	1329	59	95
3	3633	3373	CC	20.3	538	1576	508	0	290
3	3633	3373	HWSH	10.8	0	979	5	0	26
3	3633	3649	CC	43.7	2469	2247	705	126	101
3	3633	3649	CEPC	1.3	53	1	49	0	1
3	3633	3649	HWSH	60.4	1195	3976	201	0	135
3	3633	3685	CEPC	5.9	0	0	65	0	6
3	3633	3685	CC	4	41	116	8	2	1
3	3634	3374	CC	34.9	1184	3471	132	47	105
3	3635	3358	CC	17.2	805	1601	107	0	23
3	3635	3650	HWSH	18.2	209	881	0	0	0
3	3635	3650	HWPC	6.7	52	167	0	0	0
3	3636	3375	CC	16.9	91	1815	15	0	0
3	3636	3651	CC	2.2	223	150	26	0	0
3	3636	3651	HWPC	9.7	36	558	0	0	0
3	3636	3651	HWSH	15.8	154	646	0	0	0
3	3636	3652	HWSH	36.9	425	1902	0	0	0
3	3636	3652	HWPC	84.1	0	2859	0	0	0
3	3636	3662	CC	19.6	1904	832	67	0	0
3	3636	3717	CC	66.5	6171	4719	438	0	0
3	3636	3717	HWPC	4	28	84	0	0	0
3	3637	3376	CC	13.3	949	887	22	0	18
3	3637	3376	HWPC	2.1	17	40	0	0	0
3	3637	3376	HWSH	11.5	143	600	10	0	13
3	3637	3663	CC	28.3	1689	2104	61	0	11
3	3642	3675	CC	20.9	801	1695	17	21	0
3	3642	3675	HWPC	4.8	205	143	10	0	10
3	3642	3675	HWSH	2.2	28	122	1	0	2
3	3648	3377	CC	7.7	421	451	30	28	13
3	3648	3377	HWSH	17.5	219	1030	9	0	18
3	3732	1866	CC	0.8	12	75	1	0	1
3	3733	3388	HWPC	7	63	118	0	0	0
3	3733	3388	CC	28.5	2334	1739	190	47	14
3	3733	3399	CC	49.4	3464	2908	1393	139	143
3	3733	3399	CEPC	25.6	900	94	263	0	15
3	3734	3405	CC	39	2857	2478	482	73	258
3	3735	3378	CC	36.4	2539	2492	479	33	139
3	3735	3378	HWSH	28.3	293	2217	25	0	34
3	3735	3379	CC	27.9	1160	2505	75	0	74
3	3735	3664	HWSH	10.2	0	827	0	0	0
3	3735	3664	CC	19.1	1450	1293	121	0	103
3	3735	3665	CC	39.6	1667	3290	379	94	373
3	3736	3381	CC	15.4	1583	737	33	0	0
3	3736	3381	HWPC	1	49	147	0	0	0
3	3736	3423	CC	16.2	1586	738	31	0	0
3	3736	3424	HWPC	4.1	28	122	0	0	0
3	3736	3424	HWSH	14.2	156	658	0	0	0
3	3736	3424	CC	50.8	3397	1895	92	20	23

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
3	3736	3425	CC	8.5	980	426	17	0	0
3	3736	3653	CT	20.2	864	129	0	0	0
3	3737	3370	CC	11.3	402	453	1	0	0
3	3737	3370	HWPC	14.8	109	363	0	0	0
3	3737	3382	CC	11.2	836	399	17	0	0
3	3737	3383	CC	11.1	13	69	0	11	0
3	3737	3384	CC	0.3	36	16	1	0	0
3	3737	3384	HWPC	15.9	67	242	0	0	0
3	3737	3384	HWSH	10.6	76	458	0	0	0
3	3737	3385	CC	0.2	23	10	0	0	0
3	3737	3385	HWPC	51.4	336	1684	0	0	0
3	3737	3420	CC	4	428	192	4	0	0
3	3737	3420	CT	141.4	6989	0	0	0	0
3	3737	3421	CC	15.2	768	1117	15	0	30
3	3737	3422	HWSH	8	72	618	0	0	0
3	3737	3422	CC	12.9	795	615	25	74	0
3	3737	3422	CT	5.3	226	34	0	0	0
3	3737	3422	HWPC	40.7	252	1183	0	0	0
3	3737	3455	CC	10.1	282	434	0	0	0
3	3738	3386	CC	3.3	498	69	0	0	0
3	3738	3386	HWSH	8.4	0	457	0	0	0
3	3738	3387	CC	0.8	42	60	1	0	2
3	3738	3387	HWPC	5.4	49	85	0	0	0
3	3738	3389	CC	61.4	1630	6945	9	0	0
3	3738	3676	HWPC	66.1	175	737	0	0	0
3	3738	3696	CT	7.5	319	48	0	0	0
3	3739	3390	HWSH	3.1	29	215	0	0	0
3	3739	3390	CC	4.4	310	455	4	0	2
3	3739	3390	HWPC	33.4	305	596	0	0	0
3	3740	3391	HWSH	17.1	234	1242	5	0	29
3	3740	3391	CC	2.4	106	156	6	0	16
3	3740	3392	CEPC	5.4	188	86	0	0	0
3	3740	3393	CC	4.4	205	335	0	0	9
3	3740	3393	CEPC	0.6	24	4	0	0	0
3	3740	3393	HWSH	5.6	70	384	1	0	8
3	3740	3452	HWSH	5.6	84	464	2	0	10
3	3740	3452	CC	1	111	27	17	4	2
3	3742	3439	CC	15.8	1144	1136	224	4	83
3	3743	3394	CC	22.1	1034	1011	492	23	38
3	3744	3361	CEPC	9	261	24	1	0	0
3	3744	3395	HWSH	6.6	106	528	3	0	13
3	3744	3395	CC	15.1	740	1399	41	0	64
3	3747	3396	CEPC	3.2	113	0	75	0	2
3	3747	3396	CC	81.7	6690	4206	1066	32	702
3	3747	3397	HWSH	26.7	0	2208	13	0	53
3	3747	3397	CEPC	6	18	0	18	0	0
3	3747	3397	CC	2.9	60	228	14	0	40
3	3837	3408	CT	112.6	5050	368	0	0	0
3	3837	3409	CC	0.8	60	22	1	0	0
3	3837	3410	CT	12	589	0	0	0	0
3	3837	3410	CC	0.6	79	0	0	0	0
3	3837	3411	CC	47.4	2688	3698	41	10	0
3	3837	3412	CT	71.9	3537	0	0	0	0
3	3837	3412	CC	0.3	16	19	1	0	0
3	3837	3413	CC	2.9	86	136	1	0	0
3	3837	3413	CT	8.8	434	0	0	0	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd M3	Ced M3	Pine M3	Hem M3
3	3837	3414	CT	53	2593	16	0	0	0
3	3837	3414	CC	5.3	295	63	0	0	0
3	3837	3415	HWPC	9	79	150	0	0	0
3	3837	3415	HWSH	47.9	1198	2483	19	0	9
3	3837	3415	CC	29.5	1277	826	16	18	0
3	3837	3416	CC	15.2	476	1036	0	0	0
3	3837	3551	HWPC	110	0	4640	0	0	0
3	3837	3654	CT	32.8	1408	211	0	0	0
3	3838	3417	CC	18.9	1151	1530	48	0	0
3	3838	3417	HWPC	44.9	319	1062	0	0	0
3	3838	3418	CC	22.9	774	2329	22	0	0
3	3838	3419	CC	1.6	115	75	2	8	0
3	3838	3419	HWSH	9.3	89	653	0	0	0
3	3838	3426	CC	0.8	2	2	0	1	0
3	3838	3426	HWPC	51.3	0	1	0	0	0
3	3838	3429	CEPC	0.4	0	0	0	0	0
3	3838	3472	CC	2.9	150	215	3	0	6
3	3838	3697	CT	5.3	227	34	0	0	0
3	3839	3427	CC	1.5	9	79	0	1	0
3	3839	3427	CT	27	1154	173	0	0	0
3	3839	3428	CC	8.2	807	609	99	0	0
3	3839	3655	CT	9.1	389	58	0	0	0
3	3839	3655	CC	1.1	3	4	0	0	0
3	3839	3656	CC	0.4	12	23	0	0	0
3	3839	3656	CT	8.5	364	54	0	0	0
3	3840	3430	HWPC	23.9	184	349	0	0	0
3	3840	3431	HWPC	57.1	442	890	0	0	0
3	3840	3431	CC	20.8	817	1426	15	4	16
3	3840	3432	CC	45.7	3418	2579	34	4	9
3	3840	3433	HWPC	1.8	15	25	0	0	0
3	3840	3433	CC	32.9	2916	771	36	0	0
3	3840	3434	HWPC	19.8	189	376	0	0	0
3	3840	3434	CC	1.6	60	143	2	0	2
3	3840	3435	CC	8.7	398	694	13	0	8
3	3840	3480	CC	1.4	94	50	0	0	0
3	3840	3480	HWPC	3.1	25	44	0	0	0
3	3840	3701	CC	11.2	396	719	20	0	26
3	3841	3436	CC	3.1	212	255	0	0	0
3	3841	3436	HWPC	22.7	180	339	0	0	0
3	3841	3437	CC	3.2	451	48	19	0	0
3	3841	3437	HWPC	12.9	68	123	0	0	0
3	3841	3438	TWPS	13.4	395	341	0	0	0
3	3841	3481	HWSH	5.8	147	211	3	0	6
3	3841	3481	HWPC	11.4	82	262	0	0	0
3	3841	3482	HWPC	12.8	102	210	0	0	0
3	3842	3440	HWPC	5.4	163	106	0	0	0
3	3842	3440	HWSH	73.7	43	5115	17	0	115
3	3842	3440	CC	27.8	1797	1540	375	47	96
3	3842	3441	HWSH	22.8	838	1285	20	0	46
3	3842	3441	CC	3.1	285	180	19	0	0
3	3842	3442	CC	21.8	1046	1718	229	8	79
3	3842	3442	HWSH	3.2	39	203	0	0	3
3	3843	3443	HWSH	11.4	14	853	6	0	17
3	3844	3444	CC	6.7	542	346	58	0	36
3	3844	3444	HWSH	6	75	427	1	0	9
3	3844	3445	HWSH	2.7	34	196	1	0	4

Period	Map #	Block #	Px	Area	SPF M3	Hwd M3	Ced M3	Pine M3	Hem M3
3	3844	3445	CC	2.7	24	38	0	5	0
3	3844	3446	CT	23.8	1017	152	0	0	0
3	3845	3447	CC	10.4	614	892	46	0	93
3	3845	3447	HWSH	8.2	107	619	4	0	12
3	3845	3448	CC	4.4	278	376	23	0	56
3	3845	3449	CC	2.4	147	205	10	5	27
3	3845	3449	HWSH	12.8	178	956	6	0	19
3	3845	3683	CC	49.4	522	5591	12	0	3
3	3845	3684	CC	33.3	569	3396	57	2	40
3	3846	3450	CC	25.6	1641	1083	373	29	77
3	3846	3451	CC	6.7	206	788	5	1	4
3	3846	367	CC	16.3	1091	641	29	53	11
3	3933	3678	CC	16.3	975	825	33	122	0
3	3933	3712	CC	32.9	2861	934	646	16	378
3	3935	3456	CC	1.2	43	44	0	0	0
3	3935	3456	CT	28.2	1205	180	0	0	0
3	3936	3463	HWPC	117.9	37	3856	0	0	0
3	3936	3556	HWPC	94.9	92	3109	0	0	0
3	3937	3457	HWPC	19.1	133	400	0	0	0
3	3937	3457	CC	37.4	2399	1600	32	28	0
3	3937	3458	CC	13.9	444	2262	0	0	0
3	3937	3460	CT	53.9	2650	0	0	0	0
3	3937	3461	CC	0.2	16	13	2	0	0
3	3937	3461	CT	7.2	355	0	0	0	0
3	3937	3461	HWPC	1.5	15	35	0	0	0
3	3937	3461	HWSH	4.2	42	237	0	0	0
3	3937	3462	HWPC	19.6	150	388	0	0	0
3	3937	3462	CC	28.1	1677	1280	9	0	0
3	3937	3464	HWPC	131.2	1410	2849	0	0	0
3	3937	3464	HWSH	0.6	6	32	0	0	0
3	3937	3464	CC	1.8	54	174	5	0	7
3	3937	3687	CC	34	1175	3442	29	6	0
3	3937	3698	CT	14.8	573	86	0	0	0
3	3938	3459	CT	90.1	4433	0	0	0	0
3	3938	3465	CEPC	9	365	0	0	0	0
3	3938	3466	CC	26.7	2350	1489	216	4	0
3	3938	3467	CC	1.6	134	105	13	0	0
3	3938	3468	CT	7.1	302	45	0	0	0
3	3938	3469	CT	32.6	1397	209	0	0	0
3	3938	3470	HWPC	3.3	36	102	0	0	0
3	3938	3471	CT	15.4	506	86	0	0	0
3	3938	3473	CT	37.1	2584	109	0	0	0
3	3938	3474	CT	88.5	3793	567	0	0	0
3	3938	3474	CC	0.5	1	2	0	0	0
3	3938	3686	CC	31.4	386	3223	0	0	0
3	3939	3475	CC	7.9	1004	218	42	0	0
3	3939	3476	HWPC	7.3	62	109	0	0	0
3	3939	3476	CC	12.8	1821	352	16	0	0
3	3939	3477	CC	11.3	802	749	24	0	0
3	3939	3478	CT	9.4	463	0	0	0	0
3	3939	3686	CC	13	155	1529	14	0	0
3	3941	3563	HWPC	222.6	105	1143	0	0	0
3	3941	3702	HWPC	16.4	0	275	0	0	0
3	3942	3511	HWPC	25.1	201	328	0	0	0
3	3942	3511	CC	0.8	36	31	12	0	4
3	3943	3483	CC	69.3	7149	1812	938	20	2

Period	Map #	Block #	Px	Area	SPF M3	Hwd M3	Ced M3	Pine M3	Hem M3
3	3943	3484	CC	10.8	1020	880	126	0	2
3	3943	3485	HWPC	15	0	22	0	0	0
3	3943	3485	CC	4.2	255	317	54	0	0
3	3943	3486	CEPC	0.2	0	0	0	0	0
3	3943	3486	CC	28.3	1596	1909	140	0	0
3	3943	3570	HWPC	52	0	1405	0	0	0
3	3943	3570	CC	21.9	2546	892	231	0	0
3	3944	3488	CT	36.9	1271	129	12	59	0
3	3944	3489	CT	63.7	2070	180	25	127	0
3	3944	3490	CC	3.3	203	353	18	0	9
3	3944	3490	HWSH	6.9	70	421	1	0	3
3	3944	3491	CT	30.8	1035	99	11	55	0
3	3944	3492	CC	0.1	0	5	0	0	0
3	3944	3492	CT	21.3	729	73	7	35	0
3	4031	3453	CC	5.3	309	286	56	21	10
3	4032	3454	CC	55.8	1373	5446	340	0	171
3	4039	3479	CT	19.6	963	0	0	0	0
3	4039	3493	CT	36.4	1557	233	0	0	0
3	4039	3494	CC	28.6	1274	590	27	0	0
3	4039	3495	CC	13.8	672	1448	17	12	0
3	4039	3495	HWPC	4.4	44	100	0	0	0
3	4040	3496	CC	23.5	3224	634	149	0	0
3	4040	3497	CC	16.6	1806	935	90	0	0
3	4040	3497	HWPC	18.6	169	181	0	0	0
3	4040	3498	CC	10.6	1522	213	72	1	0
3	4040	3499	CC	0.3	7	1	0	1	0
3	4040	3499	CT	206.4	10155	0	0	0	0
3	4040	3500	CT	14.2	698	0	0	0	0
3	4040	3501	CC	24.6	3214	787	164	0	0
3	4040	3502	CC	5.1	546	294	15	0	0
3	4040	3503	HWPC	0.4	7	20	0	0	0
3	4040	3503	CC	9.9	1244	371	84	0	0
3	4040	3503	HWSH	13.9	498	678	7	0	0
3	4040	3504	CC	1.6	114	155	2	0	0
3	4040	3504	HWPC	1.2	13	16	0	0	0
3	4040	3699	CT	5.5	175	26	0	0	0
3	4041	3505	CT	105.6	4333	648	0	0	0
3	4041	3506	CT	83.1	4087	0	0	0	0
3	4041	3507	CT	25.3	1245	0	0	0	0
3	4041	3508	CC	11.4	1337	644	93	0	0
3	4041	3508	HWPC	0.1	2	6	0	0	0
3	4041	3509	HWSH	30.3	1092	1699	15	0	0
3	4041	3509	CC	4.7	456	355	58	0	0
3	4041	3509	HWPC	10.9	173	474	0	0	0
3	4041	3510	CT	28.9	1424	0	0	0	0
3	4041	3705	CC	2.2	232	35	0	0	0
3	4042	3380	HWPC	7.7	90	256	0	0	0
3	4042	3487	CC	11.1	619	942	14	0	0
3	4042	3511	CC	16.1	1696	315	99	5	0
3	4042	3511	HWPC	0.8	12	18	0	0	0
3	4042	3512	CC	42.7	4170	860	293	7	0
3	4042	3514	HWSH	30.3	380	1574	5	0	0
3	4042	3514	HWPC	8.2	82	140	0	0	0
3	4042	3514	CC	0.5	36	48	0	0	0
3	4042	3515	CC	1	100	10	12	0	0
3	4042	3515	CT	30.1	1284	192	0	0	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
3	4042	3516	CC	11.2	163	765	10	0	13
3	4042	3517	HWPC	0.7	11	16	0	0	0
3	4042	3517	CC	65	8040	2513	457	0	0
3	4042	3518	CC	6.8	596	68	7	0	0
3	4042	3519	CC	27.2	2836	1092	620	0	0
3	4042	3519	CEPC	9.8	357	0	114	0	0
3	4042	3666	CC	20.1	2649	521	215	0	2
3	4043	3369	CC	21.1	2920	432	159	1	0
3	4043	3520	TWPS	11.2	358	157	0	0	0
3	4043	3520	HWSH	2.9	0	205	0	0	3
3	4043	3521	CC	6.8	953	122	41	0	0
3	4043	3522	CC	6.7	375	827	1	1	12
3	4043	3524	HWPC	27.6	3	570	0	0	0
3	4043	3524	HWSH	2	0	125	0	0	2
3	4043	3525	HWPC	4.2	2	400	0	0	0
3	4043	3526	CC	31.7	2543	2888	190	0	12
3	4043	3527	HWPC	22.6	747	181	0	0	0
3	4044	3700	CT	62.3	1994	299	0	0	0
3	4140	3528	CT	23	985	147	0	0	0
3	4140	3530	CT	32	1369	205	0	0	0
3	4140	3531	CT	20.4	874	131	0	0	0
3	4140	3531	CC	1.2	21	4	0	0	0
3	4140	3532	CC	0.1	0	0	0	0	0
3	4140	3532	CT	4.9	241	0	0	0	0
3	4140	3533	CC	21.1	2647	111	57	2	0
3	4140	3534	CC	20.6	1371	1044	44	0	0
3	4140	3534	HWPC	0.1	1	1	0	0	0
3	4140	3535	CC	4.4	417	240	31	0	0
3	4140	3536	CC	18.4	2327	171	69	0	0
3	4140	3537	CC	35.1	3269	1763	31	6	0
3	4140	3538	CC	57.5	5382	2895	238	0	0
3	4140	3538	HWPC	0.2	2	5	0	0	0
3	4140	3540	CC	40.6	3869	416	341	0	0
3	4140	3679	HWPC	5.5	88	138	0	0	0
3	4140	3689	CC	4.6	472	237	17	0	0
3	4140	3689	HWPC	22	0	484	0	0	0
3	4141	3529	CT	27	1156	173	0	0	0
3	4141	3529	CC	0.4	1	1	0	0	0
3	4141	3541	CT	71.6	3524	0	0	0	0
3	4141	3542	CT	79.1	3885	1	0	0	0
3	4141	3543	CT	11.7	579	0	0	0	0
3	4141	3544	CT	63.9	3144	0	0	0	0
3	4141	3545	CC	0.2	1	2	0	0	0
3	4141	3545	CT	82.2	3518	526	0	0	0
3	4141	3546	CT	24.1	1030	154	0	0	0
3	4141	3547	CC	11.2	1503	307	72	0	0
3	4141	3547	HWSH	26.5	985	1409	13	0	0
3	4141	3548	CT	41.2	2029	0	0	0	0
3	4141	3549	CT	108.3	4636	693	0	0	0
3	4141	3550	CC	11.4	1314	204	53	0	0
3	4141	3552	CC	20.3	2417	368	80	0	0
3	4141	3553	CT	16.9	724	108	0	0	0
3	4141	3554	CT	38.2	1634	244	0	0	0
3	4141	3555	CC	6.4	766	192	43	2	0
3	4141	3555	HWPC	7	115	253	0	0	0
3	4141	3557	CC	20.4	2993	288	88	0	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd M3	Ced M3	Pine M3	Hem M3
3	4141	3558	CC	4.8	465	86	29	0	0
3	4141	3559	HWSH	18	646	799	0	0	0
3	4141	3559	HWPC	5.7	80	134	0	0	0
3	4141	3559	CC	1.2	167	25	8	0	0
3	4141	3560	CC	5.8	684	269	25	0	0
3	4141	3560	HWPC	10.8	160	320	0	0	0
3	4141	3657	CC	3.6	446	1	0	0	0
3	4141	3690	CC	11.1	124	1207	7	0	0
3	4142	3561	CT	59.9	2584	387	0	0	0
3	4142	3562	CC	36.3	3109	1736	41	0	0
3	4142	3564	CC	7.5	838	384	34	0	0
3	4142	3565	HWSH	5.2	0	598	0	0	0
3	4142	3565	HWPC	12.2	138	31	0	0	0
3	4142	3565	CC	8	494	332	38	0	0
3	4142	3566	HWPC	21.5	267	584	0	0	0
3	4142	3566	HWSH	18.4	690	975	9	0	0
3	4142	3566	CC	14.3	1450	1030	104	0	0
3	4142	3567	CC	66.1	2846	5107	0	0	0
3	4142	3569	CT	80.3	3436	514	0	0	0
3	4142	3680	CC	86.2	606	8627	86	0	0
3	4142	3682	CC	77.4	5443	5214	2220	1	133
3	4143	1224	CC	27.6	981	1547	12	0	3
3	4143	1227	CC	8.5	518	884	8	0	0
3	4143	1227	HWPC	29.4	1	81	0	0	0
3	4143	3568	CC	41	3523	2854	397	0	0
3	4143	3574	HWSH	34.7	1271	1811	12	0	0
3	4143	3574	CC	76.7	6561	6495	331	1	3
3	4143	3576	CC	25.3	2277	1385	47	0	0
3	4143	3577	CC	9.4	470	1240	0	0	19
3	4143	3578	HWPC	10.9	166	313	0	0	0
3	4143	3578	HWSH	11.8	441	523	6	0	0
3	4143	3578	CC	0.3	39	19	4	0	0
3	4143	3660	CC	0	3	0	0	0	0
3	4143	3667	CC	23.1	2778	521	211	2	0
3	4144	3573	CT	8.6	367	55	0	0	0
3	4240	3523	CC	25.7	1889	659	122	22	0
3	4241	3580	CC	11.8	917	703	240	4	76
3	4241	3580	HWSH	29.9	401	2444	15	0	48
3	4241	3581	HWPC	11.2	123	346	0	0	0
3	4241	3581	HWSH	4	36	271	0	0	0
3	4241	3581	CC	31.4	1680	3084	98	0	15
3	4241	3582	HWPC	2.2	32	48	0	0	0
3	4241	3583	HWPC	15.3	265	571	0	0	0
3	4241	3583	CC	29.9	2749	1734	116	0	0
3	4241	3584	HWPC	8.4	102	244	0	0	0
3	4241	3585	CC	15.4	1594	164	134	0	0
3	4241	3585	CEPC	11.5	424	0	138	0	0
3	4241	3586	HWPC	10	160	470	0	0	0
3	4241	3691	HWPC	18.1	199	459	0	0	0
3	4241	3691	CC	0.9	5	11	0	0	0
3	4241	3718	CC	23	2656	512	50	0	0
3	4242	3587	CC	12.4	1408	309	89	0	0
3	4242	3588	CC	1.6	224	33	11	0	0
3	4242	3588	HWPC	11.2	168	345	0	0	0
3	4341	3589	CT	25.4	1085	162	0	0	0
3	4341	3590	CC	3.1	270	204	27	15	6

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
3	4341	3590	CEPC	0.8	0	0	0	0	0
3	4341	3590	CT	8.4	359	54	0	0	0
3	4341	3591	CT	4.8	205	31	0	0	0
3	4341	3592	CC	45.7	3746	2701	327	195	84
3	4341	3593	CT	40.1	1520	228	0	0	0
3	4342	3594	CC	0.5	11	6	0	1	0
3	4342	3594	CT	9.2	293	44	0	0	0
3	4342	3595	CT	64.8	2740	410	0	0	0
3	4342	3596	CC	6.7	630	171	86	13	19
3	4342	3596	HWSH	13.1	405	777	24	0	38
3	4342	3597	CT	61.1	3007	0	0	0	0
3	4342	3597	HWPC	3.6	113	87	4	0	0
3	4342	3597	CC	0.2	6	9	0	1	0
3	4342	3597	HWSH	6	250	344	9	0	18
3	4342	3598	CC	3.7	246	342	7	0	22
3	4342	3598	HWSH	3.9	61	354	2	0	8
3	4342	3599	CC	4.7	579	122	66	9	19
3	4342	3599	HWSH	87.3	2054	5475	80	0	191
3	4342	3600	CT	18.1	775	116	0	0	0
3	4342	3601	CT	8.4	415	0	0	0	0
3	4342	3602	CC	0.3	8	12	0	1	0
3	4342	3602	CT	65.5	2940	281	0	0	0
3	4342	3603	CT	104.6	5140	0	0	0	0
3	4342	3604	CT	36	1162	155	0	0	0
3	4342	3605	CT	36	1213	182	0	0	0
3	4342	3606	CC	5.3	401	362	22	7	24
3	4342	3668	CC	10	701	70	20	80	10
3	4342	3713	HWPC	26	818	450	21	0	0
3	4541	3607	HWPC	25.6	718	943	15	0	0
3	4541	3607	HWSH	24.8	247	1418	33	0	63
3	4541	3608	CC	25.5	2122	1486	480	24	133
3	4541	3609	CT	103.3	3307	496	0	0	0
3	4541	3610	CT	43.7	2150	0	0	0	0
3	4541	3610	CC	0.7	2	40	0	0	0
3	4541	3611	HWSH	21.8	55	1544	13	0	51
3	4541	3611	CC	1.9	90	154	0	0	4
3	4541	3629	CT	1.5	48	7	0	0	0
3	4542	3571	HWPC	74.5	324	855	54	0	11
3	4542	3612	CT	19	934	0	0	0	0
3	4542	3613	CT	75.1	3652	45	0	0	0
3	4542	3614	CT	23.9	1023	153	0	0	0
3	4542	3615	CT	7.1	348	0	0	0	0
3	4542	3616	CC	5.5	259	661	0	30	0
3	4542	3617	CT	37.5	1606	241	0	0	0
3	4542	3618	CEPC	0.2	9	1	6	0	0
3	4542	3618	CT	4.7	203	30	0	0	0
3	4542	3619	CT	3.3	141	21	0	0	0
3	4542	3620	CT	55.1	1762	265	0	0	0
3	4542	3621	CT	12.7	407	61	0	0	0
3	4542	3622	CC	5.9	413	638	24	0	35
3	4542	3622	CEPC	2	77	6	49	0	2
3	4542	3623	CC	2.9	120	158	4	2	4
3	4542	3623	CT	79.7	3412	510	0	0	0
3	4542	3624	CT	22.3	954	143	0	0	0
3	4542	3625	HWSH	6.6	83	443	0	0	10
3	4542	3625	CC	1.9	169	124	17	5	6

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
3	4542	3626	HWSH	60.3	0	3435	90	0	181
3	4542	3627	HWSH	1.5	19	111	1	0	2
3	4542	3627	CC	8.4	1010	281	138	15	32
3	4542	3628	HWSH	2.6	34	196	1	0	4
3	4542	3628	CC	5.2	653	153	87	12	19
3	4542	3630	CC	1.5	195	46	27	3	6
3	4542	3631	HWSH	9.3	129	692	5	0	14
3	4542	3632	CC	45.3	4027	2513	486	40	198
3	4542	3634	CC	1.3	5	6	0	0	0
3	4542	3634	CT	100.6	4169	624	0	0	0
3	4542	3658	CC	0	2	3	0	0	0
3	4542	3669	CC	4.6	498	270	64	18	18
3	4542	3670	CC	0.7	17	9	0	1	0
3	4542	3671	CEPC	0.2	6	1	1	0	0
3	4542	3693	CC	14.6	1350	922	172	22	56
3	4542	3693	HWSH	1.4	17	100	1	0	2
3	4543	3633	CT	21.2	906	135	0	0	0
3	4543	3672	CC	24.8	2129	1454	296	34	117
3	4543	3715	CC	37.8	4444	1341	484	84	146
3	4641	3635	HWSH	54.8	0	5519	27	0	108
3	4641	3635	CC	0.2	13	10	4	0	1
3	4641	3636	HWSH	59.1	275	5975	39	0	126
3	4642	3637	CT	26.9	1323	0	0	0	0
3	4642	3638	CC	48	4135	1877	788	197	91
3	4642	3639	CT	13.3	473	71	0	0	0
3	4642	3692	HWSH	60	909	4574	31	0	101
3	4642	3692	CC	6.6	637	304	181	12	27
3	4742	3681	CC	37.4	3732	1122	241	80	57
4	3432	4400	CC	12.2	688	667	206	87	9
4	3432	4400	CEPC	2.9	109	0	94	0	3
4	3433	4401	CC	18.8	658	1691	19	0	38
4	3448	4402	CC	49.7	3149	1632	3190	31	183
4	3448	4636	CC	20.1	277	2318	10	1	3
4	3449	4597	CC	11.8	1332	120	12	89	0
4	3531	4403	HWPC	1.7	3	66	0	0	0
4	3531	4403	HWSH	4.3	71	362	2	0	9
4	3531	4403	CC	10.6	896	758	99	10	20
4	3532	4404	CC	27.7	708	1416	111	97	24
4	3532	4404	CEPC	3.5	134	4	0	0	0
4	3532	4404	HWSH	1.3	0	113	1	0	3
4	3532	4642	HWPC	46	1471	541	0	0	0
4	3532	4642	CC	3.7	33	469	7	0	7
4	3627	4437	CC	12.8	815	322	11	0	0
4	3627	4438	CC	16.9	1332	297	18	3	1
4	3627	4439	CC	14.1	883	1113	155	0	105
4	3627	4439	HWSH	11.8	123	855	12	0	12
4	3627	4616	CC	29.1	2492	144	200	10	0
4	3628	4441	HWSH	29.9	324	2051	17	0	35
4	3632	4405	CC	62.6	3485	3868	930	324	63
4	3632	4406	CC	59.5	2124	6945	214	0	111
4	3632	4407	CC	38.4	1064	2991	182	15	57
4	3632	4617	CC	19.2	1109	1221	245	58	65
4	3633	4408	CC	19.6	2050	502	271	78	12
4	3633	4409	CC	12.9	696	660	87	50	27
4	3633	4409	CEPC	1.3	0	1	54	0	3
4	3633	4409	HWSH	91.6	290	8086	46	0	205

Period	Map #	Block #	Px	Area	SPF M3	Hwd M3	Ced M3	Pine M3	Hem M3
4	3633	4410	CC	22.1	1826	581	1245	14	51
4	3633	4410	CEPC	13.3	560	13	587	0	13
4	3633	4411	HWPC	12	490	502	60	0	48
4	3633	4411	CC	11.7	502	951	212	0	82
4	3633	4411	HWSH	48.2	0	5090	24	0	96
4	3633	4599	HWSH	38.8	942	2214	212	0	93
4	3633	4600	CC	38.9	7009	1051	2	0	0
4	3633	4618	HWPC	36.1	1482	1518	181	0	145
4	3633	4618	CC	3.4	225	222	43	10	12
4	3633	4618	CEPC	5.7	233	23	63	0	0
4	3634	4601	CC	46.9	7797	1737	0	0	0
4	3634	4619	CC	16.2	768	1396	99	72	11
4	3635	4412	HWSH	6.1	0	540	3	0	12
4	3635	4412	CC	86.4	4106	9068	326	32	64
4	3635	4413	HWPC	55.9	69	2824	0	0	0
4	3635	4611	CC	18.1	864	1135	204	0	6
4	3635	4637	HWSH	19.3	203	1149	0	0	0
4	3635	4643	HWPC	32.1	188	938	0	0	0
4	3636	4414	HWSH	16	0	946	0	0	0
4	3636	4414	HWPC	17.6	123	531	0	0	0
4	3636	4414	CC	1.1	101	53	6	0	0
4	3636	4602	HWSH	14.4	122	806	0	0	0
4	3636	4602	HWPC	2.7	19	82	0	0	0
4	3636	4620	HWPC	182.6	50	4644	0	0	0
4	3636	4620	HWSH	5	172	276	2	0	0
4	3636	4620	CC	11	392	980	25	0	17
4	3637	4417	CC	19.8	968	1860	156	0	0
4	3637	4418	HWSH	20.2	0	1084	0	0	0
4	3637	4418	CC	6.6	230	39	0	0	0
4	3637	4418	HWPC	15.3	167	284	0	0	0
4	3637	4419	HWSH	7	68	431	0	0	0
4	3637	4419	HWPC	56.2	407	1253	0	0	0
4	3637	4419	CC	16.4	628	621	1	0	0
4	3639	4420	CC	5.8	312	502	71	0	28
4	3639	4603	CC	10.8	669	628	82	81	7
4	3641	4421	CC	32.4	538	3506	452	0	14
4	3641	4421	CEPC	3.1	129	3	135	0	3
4	3642	4422	CC	57.6	3665	4597	253	119	113
4	3642	4422	CEPC	11.4	474	18	440	0	10
4	3642	4422	HWSH	27.8	336	1907	14	0	31
4	3642	4423	CC	8.5	627	274	297	6	30
4	3642	4423	HWSH	22	889	1247	26	0	74
4	3642	4423	CEPC	17.1	575	50	167	0	5
4	3732	4434	CC	17.6	1571	559	243	45	85
4	3732	4435	CC	29.1	1878	1813	323	116	50
4	3732	4435	CEPC	1.9	78	2	82	0	2
4	3732	4436	CC	32.5	1229	2665	79	99	24
4	3734	4604	CC	34	4512	1259	152	43	21
4	3735	4424	CC	28.9	1339	2329	60	14	34
4	3735	4644	CC	15.1	1195	633	14	0	0
4	3735	4645	CC	33.2	578	3825	6	0	11
4	3735	4646	HWSH	15.2	152	955	0	0	0
4	3735	4646	HWPC	14.9	119	283	0	0	0
4	3735	4647	HWSH	62.6	845	1759	0	0	0
4	3735	4900	CC	47.7	1104	4536	291	0	903
4	3736	4451	CC	64.1	868	4140	39	0	9

Period	Map #	Block #	Px	Area	SPF M3	Hwd M3	Ced. M3	Pine M3	Hem M3
4	3736	4451	HWPC	11.9	36	907	0	0	0
4	3736	4451	HWSH	8	63	604	0	0	0
4	3736	4452	CC	0.8	28	5	0	0	0
4	3736	4452	CT	16	685	102	0	0	0
4	3736	4610	HWSH	114	1083	7979	0	0	0
4	3736	4610	CC	3.1	38	313	6	0	6
4	3736	4621	CC	18.1	2003	686	41	0	0
4	3736	4621	HWPC	257.8	52	3140	0	0	0
4	3736	4621	HWSH	22	401	1106	12	0	9
4	3736	4640	CC	42.7	1159	4397	12	1	0
4	3737	4425	CC	8.8	631	436	22	40	0
4	3737	4425	HWPC	143.2	491	3471	0	0	0
4	3737	4425	HWSH	18.9	168	978	2	0	3
4	3737	4426	CC	40.2	432	4086	0	0	0
4	3737	4446	CT	20.2	995	0	0	0	0
4	3737	4447	CT	9.8	482	0	0	0	0
4	3737	4448	CT	17.9	882	0	0	0	0
4	3737	4449	CT	5.2	254	0	0	0	0
4	3737	4450	CT	62.6	3079	0	0	0	0
4	3738	4427	HWPC	38.5	8	527	0	0	0
4	3738	4427	CC	2.3	269	67	4	0	0
4	3738	4428	HWPC	19.9	152	456	0	0	0
4	3738	4428	CC	60.4	4381	2237	33	0	0
4	3738	4428	HWSH	27.5	234	2254	0	0	0
4	3738	4429	CT	15	737	0	0	0	0
4	3738	4430	HWSH	6.3	60	386	0	0	0
4	3738	4430	CC	2.9	140	185	3	0	4
4	3738	4430	HWPC	7	42	237	0	0	0
4	3738	4453	CC	0.7	0	0	0	0	0
4	3738	4453	HWSH	14.3	150	852	0	0	0
4	3738	4454	CC	32.9	939	2036	10	0	14
4	3738	4454	CT	14.2	700	0	0	0	0
4	3738	4455	CT	5.9	293	0	0	0	0
4	3740	4652	CEPC	1.4	54	1	0	0	0
4	3740	4652	HWSH	7.6	87	471	4	0	8
4	3740	4652	CC	12.8	659	651	635	2	49
4	3740	4652	HWPC	83.3	2366	1596	38	0	0
4	3745	4431	CEPC	0.1	4	1	0	0	0
4	3745	4431	CC	11.4	960	548	286	8	50
4	3745	4622	CC	33.8	2254	2469	245	18	198
4	3745	4622	CEPC	1.6	47	3	0	0	0
4	3746	4432	CC	23.9	1294	1967	142	3	161
4	3747	4433	CEPC	7	267	0	232	0	7
4	3747	4433	CC	14.5	825	1325	79	0	101
4	3837	4442	CC	30.3	2926	815	33	6	0
4	3837	4443	CC	26.6	1607	1561	14	0	0
4	3837	4444	CC	12.4	553	1016	10	0	0
4	3837	4445	HWPC	3.5	32	57	0	0	0
4	3837	4654	CC	51.9	2216	2204	50	0	0
4	3837	4654	HWPC	1	6	35	0	0	0
4	3838	4415	HWPC	15.3	77	737	0	0	0
4	3838	4415	CC	1	116	43	2	0	0
4	3838	4608	CC	3.9	248	190	8	23	0
4	3839	4456	HWPC	3.7	22	124	0	0	0
4	3839	4456	CC	25.2	2437	938	37	0	5
4	3839	4457	CC	46	4392	2260	100	92	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
4	3839	4457	HWPC	89	147	1729	0	0	0
4	3839	4457	HWSH	3	76	109	1	0	3
4	3839	4458	HWSH	3.4	34	216	0	0	0
4	3839	4458	CC	41.7	2259	2482	119	3	0
4	3840	4459	HWPC	17.1	183	346	0	0	0
4	3840	4459	CC	22.2	852	1215	27	0	0
4	3840	4460	CC	10.6	369	1325	11	0	0
4	3841	4461	CC	17.4	603	1888	15	0	0
4	3842	4462	HWSH	7	196	315	6	0	2
4	3842	4462	CC	11.8	899	712	72	39	27
4	3842	4463	HWSH	45.1	1062	2871	39	2	108
4	3842	4463	CC	10.5	654	806	69	3	96
4	3844	4464	CC	11.8	1161	307	11	23	6
4	3844	4465	CEPC	7.9	317	8	294	0	8
4	3844	4465	CC	13.3	1498	372	232	52	28
4	3845	4466	CC	2.6	194	152	26	0	18
4	3845	4466	CEPC	5.7	241	6	252	0	6
4	3845	4467	CC	7.4	494	587	57	12	81
4	3845	4467	CEPC	10.7	369	13	212	0	8
4	3845	4468	CC	4.8	255	406	17	0	46
4	3845	4469	HWPC	14.3	604	182	0	0	0
4	3845	4469	HWSH	6.4	281	408	6	0	19
4	3845	4470	HWSH	6.7	289	396	10	0	20
4	3845	4470	CC	1.7	83	68	2	3	0
4	3845	4470	HWPC	63.1	2554	1148	49	0	67
4	3846	4471	CEPC	7.5	37	0	82	0	7
4	3846	4472	CC	8.3	515	724	43	16	104
4	3847	4473	CT	45	2734	0	0	0	0
4	3847	4474	HWSH	21.8	474	1441	28	8	81
4	3847	4474	CC	10.1	719	468	18	48	7
4	3847	4475	CT	23.1	1392	13	0	0	0
4	3932	4609	CC	33.8	3461	974	182	80	43
4	3935	4479	CC	0.8	33	24	0	0	0
4	3935	4479	CT	68.3	2923	437	0	0	0
4	3935	4480	HWPC	7.7	46	262	0	0	0
4	3935	4480	CC	1.6	111	73	2	8	0
4	3935	4480	CT	2.5	107	16	0	0	0
4	3936	4481	CT	31.3	1341	201	0	0	0
4	3936	4481	CC	1.8	119	72	0	0	0
4	3936	4482	CC	1	2	94	0	0	0
4	3936	4482	CT	35.1	1504	225	0	0	0
4	3936	4482	HWPC	3.5	25	74	0	0	0
4	3936	4483	HWPC	96.5	796	1762	0	0	0
4	3937	4624	HWPC	2.1	13	72	0	0	0
4	3937	4624	CC	10.5	922	499	15	12	0
4	3937	4625	CC	9.1	537	473	18	64	0
4	3938	4476	CC	14.7	1444	678	59	0	0
4	3938	4484	CT	20.1	757	137	0	0	0
4	3938	4485	CC	11.3	2027	317	0	0	0
4	3938	4486	CC	4.6	822	129	0	0	0
4	3938	4487	HWSH	7.2	68	533	0	0	0
4	3938	4488	CC	79.8	11178	3223	45	0	0
4	3938	4489	CC	17.3	2129	611	98	0	0
4	3938	4626	CC	7.5	440	387	15	52	0
4	3939	4440	CC	16.4	1062	967	18	61	0
4	3939	4479	CC	32	1633	3452	50	15	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
4	3939	4490	CC	3.9	700	110	0	0	0
4	3939	4491	CT	13.3	656	0	0	0	0
4	3939	4492	CT	14.5	711	0	0	0	0
4	3939	4492	HWPC	5.5	44	88	0	0	0
4	3939	4493	CC	19.8	839	2332	14	0	0
4	3939	4494	HWPC	11.9	131	258	0	0	0
4	3939	4494	CC	9.6	553	539	18	57	3
4	3939	4495	CT	8.7	532	0	0	0	0
4	3939	4496	CEPC	12.7	242	0	0	0	0
4	3939	4496	CC	5	692	3	0	0	0
4	3939	4627	CC	30.5	1063	1699	14	0	0
4	3939	4628	CT	1	65	10	0	0	0
4	3939	4628	CC	33.7	2805	1347	71	130	0
4	3940	4497	CC	11.8	828	755	6	0	0
4	3940	4498	CT	8.9	436	0	0	0	0
4	3940	4499	CT	0.8	41	0	0	0	0
4	3940	4500	CC	4.7	254	429	5	0	0
4	3941	4501	CC	7.2	408	680	7	0	0
4	3941	4612	CC	26.4	1351	2173	8	0	0
4	3941	4630	CC	7.7	258	761	8	0	0
4	3942	4502	HWPC	0.1	0	1	0	0	0
4	3942	4502	CC	17.6	832	696	257	0	72
4	3942	4606	CC	11.7	421	921	0	0	0
4	3943	1126	HWPC	32.2	470	941	0	0	24
4	3943	4503	CC	28.8	1384	2525	31	0	0
4	3943	4504	CC	13.3	1616	147	90	13	0
4	3943	4505	CEPC	0.7	22	0	8	0	0
4	3943	4505	CC	14.3	1469	564	124	4	0
4	3944	4508	CC	8.2	632	148	205	0	107
4	3944	4509	CT	12.2	507	68	1	7	0
4	3945	4510	CC	1.5	5	8	0	0	0
4	3945	4510	CT	20.2	863	129	0	0	0
4	4032	4477	CC	8.7	158	601	7	11	7
4	4040	4511	CT	74.1	3307	342	0	0	0
4	4040	4512	CC	1.8	86	157	2	0	0
4	4040	4513	CT	82.9	4080	0	0	0	0
4	4040	4514	CC	0.1	2	3	0	0	0
4	4040	4514	CT	29.9	1565	239	0	0	0
4	4040	4515	CC	2	169	38	7	2	0
4	4040	4515	CT	112.7	5477	830	0	0	0
4	4040	4545	CC	56.9	6634	2823	124	0	0
4	4040	4634	CC	11.1	1190	437	10	36	0
4	4041	4516	HWPC	36.8	478	1140	0	0	0
4	4041	4517	HWPC	31.4	126	1947	0	0	0
4	4041	4518	CT	31.8	1567	0	0	0	0
4	4041	4519	CC	8.7	499	637	99	0	0
4	4041	4521	CT	6.7	327	0	0	0	0
4	4041	4522	CC	1	13	20	0	2	0
4	4041	4522	CT	89.9	4015	404	0	0	0
4	4041	4523	CT	17.2	850	0	0	0	0
4	4041	4524	CT	17	836	0	0	0	0
4	4041	4554	CT	68.4	3363	2	0	0	0
4	4041	4556	CT	48.1	2366	0	0	0	0
4	4042	4520	CC	1	94	11	13	0	0
4	4042	4520	CT	16.5	732	81	0	0	0
4	4042	4525	CT	55.8	2424	322	0	0	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd M3	Ced. M3	Pine M3	Hem M3
4	4042	4525	CC	0.5	4	7	0	1	0
4	4042	4526	CT	12.2	523	78	0	0	0
4	4042	4527	CC	0.1	1	2	0	0	0
4	4042	4527	CT	13.3	655	0	0	0	0
4	4042	4528	CC	22.9	2052	1016	210	8	0
4	4042	4529	CT	4.1	202	0	0	0	0
4	4042	4613	CC	42.8	2098	330	1	8	0
4	4042	4613	HWPC	3.9	62	202	0	0	0
4	4042	4638	CC	4.7	528	59	33	0	0
4	4043	4506	CEPC	2.4	83	0	29	0	0
4	4043	4506	CC	13.8	1221	738	46	0	0
4	4043	4530	CC	10.8	1783	196	9	1	1
4	4043	4531	CC	0.7	6	10	0	1	0
4	4043	4531	CT	18.2	896	0	0	0	0
4	4043	4532	CT	19.1	940	0	0	0	0
4	4043	4533	CT	37.4	1842	0	0	0	0
4	4043	4534	CC	45.8	5905	549	0	0	0
4	4043	4535	CC	7	878	84	0	0	0
4	4044	4536	CC	7.1	537	528	14	2	0
4	4044	4536	CT	131.5	5907	565	0	0	0
4	4044	4537	CT	19.3	828	124	0	0	0
4	4044	4537	CC	0.4	53	8	3	0	0
4	4044	4538	CT	10.8	461	69	0	0	0
4	4044	4595	HWPC	54	7	1485	0	0	1
4	4044	4607	HWPC	64.1	16	1705	0	0	0
4	4044	4615	HWPC	180.7	71	5870	0	0	0
4	4140	4539	CT	9.4	461	0	0	0	0
4	4140	4540	CT	33.5	1499	149	0	0	0
4	4140	4541	CT	20.9	896	134	0	0	0
4	4140	4542	CT	5.1	219	33	0	0	0
4	4140	4543	CC	5.9	773	272	10	0	0
4	4140	4544	HWPC	0.4	5	10	0	0	0
4	4140	4544	CC	28.1	2455	1408	9	0	0
4	4140	4546	CC	15.4	2438	409	55	0	0
4	4140	4547	CT	42.8	2245	343	0	0	0
4	4140	4548	CC	19.4	1112	1521	84	0	0
4	4140	4548	HWPC	22.3	0	0	0	0	0
4	4140	4549	CC	40	4435	468	281	0	0
4	4140	4605	CC	5.9	676	279	12	0	0
4	4140	4632	HWPC	5	0	0	0	0	0
4	4140	4633	CC	3.7	227	274	45	0	0
4	4140	4633	HWPC	3.8	0	0	0	0	0
4	4140	4653	CC	16.2	1218	210	27	0	0
4	4141	4550	CT	15.9	785	0	0	0	0
4	4141	4551	CT	5.5	236	35	0	0	0
4	4141	4552	CT	21.5	1109	63	0	0	0
4	4141	4552	CC	6.2	278	685	0	0	0
4	4141	4553	CT	92.7	4562	0	0	0	0
4	4141	4553	CC	6.7	362	610	7	0	0
4	4141	4555	CT	82.3	3524	527	0	0	0
4	4141	4555	CC	0.2	2	3	0	0	0
4	4141	4557	CT	13	641	0	0	0	0
4	4141	4558	CC	0.2	1	2	0	0	0
4	4141	4558	CT	12.2	602	0	0	0	0
4	4141	4559	CT	18.3	901	0	0	0	0
4	4141	4561	CC	0.8	38	52	0	1	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
4	4141	4561	CT	54.4	2680	0	0	0	0
4	4141	4562	HWPC	35.2	0	1284	0	0	0
4	4141	4631	HWPC	87.8	12	2014	0	0	4
4	4142	4416	CC	36.7	3548	2695	396	0	28
4	4142	4560	CC	1.7	168	7	0	0	0
4	4142	4560	HWPC	37	144	1886	0	0	0
4	4142	4563	HWPC	72.9	1074	2153	0	0	0
4	4142	4564	CT	47.3	2325	0	0	0	0
4	4142	4564	HWPC	0.1	2	5	0	0	0
4	4142	4565	CT	5.3	262	0	0	0	0
4	4142	4566	CC	2.7	120	212	3	0	0
4	4142	4567	CT	0.9	46	0	0	0	0
4	4142	4573	CC	6.8	385	607	35	0	0
4	4142	4614	CC	0.9	45	19	11	1	0
4	4143	4507	HWPC	96.4	1231	1703	0	0	0
4	4143	4507	HWSH	85.8	23	5771	0	0	82
4	4143	4507	CC	0.3	25	34	0	0	0
4	4143	4568	CT	96.9	4143	621	0	0	0
4	4143	4570	CEPC	10.6	159	0	0	0	0
4	4143	4570	CC	44.9	4162	3521	365	0	5
4	4143	4571	CT	46.8	2002	299	0	0	0
4	4143	4571	CC	2.3	242	148	24	0	0
4	4143	4572	CT	17.1	731	109	0	0	0
4	4143	4639	CC	72.2	506	9101	72	0	0
4	4143	4655	HWPC	61.9	0	2067	0	0	0
4	4144	4569	HWPC	14	462	112	0	0	0
4	4240	4574	CC	9.7	980	193	53	0	0
4	4240	4629	CC	3.8	345	156	16	0	0
4	4241	4575	CC	0.4					
4	4241	4575	CT	53	2610	0	0	0	0
4	4241	4576	CC	21.4	2327	514	302	50	9
4	4241	4577	CC	29.3	2471	378	140	0	0
4	4241	4578	CC	23.4	305	2793	0	0	0
4	4241	4579	HWPC	18.8	45	1204	0	0	0
4	4241	4580	CC	11.4	1053	315	9	0	0
4	4242	4581	CC	29.3	1297	2349	6	0	0
4	4243	4582	CT	73.1	3129	468	0	0	0
4	4243	4582	CC	1.7	145	115	18	0	0
4	4243	4582	CEPC	0.8	28	0	10	0	0
4	4341	4583	CT	41.8	2058	0	0	0	0
4	4341	4584	CC	2.9	207	204	3	17	0
4	4341	4585	CT	21.5	1059	0	0	0	0
4	4341	4635	CC	9.3	595	470	41	67	0
4	4341	4656	HWPC	38.4	33	701	3	0	0
4	4342	4586	CT	26.3	1294	0	0	0	0
4	4342	4587	CC	20.7	811	1737	4	0	24
4	4342	4587	HWSH	32.9	1227	1933	32	0	82
4	4342	4588	CC	1.4	76	120	13	0	4
4	4342	4588	HWSH	42.2	122	2344	61	0	116
4	4342	4589	HWSH	6.1	202	248	6	0	0
4	4342	4589	CC	17.6	223	1256	10	0	26
4	4342	4649	CC	7.9	224	47	23	6	4
4	4342	4650	CC	6.3	762	151	82	19	13
4	4342	4651	CC	12.3	1484	294	159	37	25
4	4442	4590	CC	5	130	151	79	0	12
4	4442	4657	HWPC	59.6	0	1094	0	0	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
4	4541	4658	HWPC	34.1	11	389	1	0	0
4	4542	4591	CT	59.1	2907	0	0	0	0
4	4543	4592	CT	52	2560	0	0	0	0
4	4641	4593	HWSH	39.5	179	3733	20	0	76
4	4641	4648	CC	9.1	442	993	12	46	17
4	4642	4594	HWSH	5.9	231	279	6	0	12
4	4642	4594	CC	0.5	43	32	12	0	4
4	4642	4596	HWPC	11.5	342	215	0	0	0
5	3532	5310	CC	1.4	176	42	24	3	6
5	3532	5310	HWPC	88.6	2588	3111	86	0	0
5	3627	5336	CC	9.7	516	205	0	0	0
5	3627	5337	CC	0.2	1	1	0	0	0
5	3628	5339	HWPC	11	330	352	11	0	0
5	3628	5339	CC	49.1	2759	4659	82	0	1
5	3628	5339	HWSH	13.2	112	1028	0	0	0
5	3630	5311	HWSH	18.5	105	1585	1	0	0
5	3630	5311	CC	3.9	289	143	0	0	0
5	3630	5495	CC	6.2	98	934	0	0	0
5	3630	5495	HWPC	12.8	26	510	0	0	0
5	3631	5312	HWPC	34.7	98	1507	0	0	0
5	3632	5475	HWSH	29.5	0	3079	15	0	59
5	3633	5507	CC	3.3	117	64	0	0	10
5	3635	5313	CC	66.1	1250	6430	157	107	62
5	3635	5314	CC	39.7	1543	3807	30	0	40
5	3635	5315	CC	15.1	212	1165	9	0	4
5	3635	5316	CC	5.6	97	687	8	0	1
5	3635	5316	HWPC	29	220	687	0	0	0
5	3636	5317	HWSH	28.8	0	2174	0	0	0
5	3636	5318	CC	26.6	2763	703	143	0	2
5	3636	5318	HWSH	1.6	5	107	0	0	0
5	3636	5318	HWPC	53.5	23	1960	0	0	0
5	3636	5319	HWSH	1.4	8	137	0	0	0
5	3636	5320	HWSH	5.4	33	543	0	0	0
5	3636	5320	HWPC	224.4	694	10030	0	0	0
5	3636	5320	CC	6.3	244	286	26	3	2
5	3636	5476	CC	15.6	731	1256	0	0	0
5	3636	5483	CC	4.8	53	229	0	0	0
5	3642	5322	CC	9.6	140	695	110	0	1
5	3727	5485	HWPC	14.8	15	532	0	0	0
5	3727	5485	CC	11	188	1644	0	0	0
5	3734	5323	CC	20.6	3135	704	118	29	5
5	3734	5324	CC	12.9	2117	428	34	9	5
5	3735	5325	CC	44.7	4711	3007	146	0	56
5	3735	5326	HWSH	14.6	40	976	0	0	2
5	3735	5326	CC	58.8	2938	2112	45	91	6
5	3735	5340	CC	34.7	2003	2365	6	0	0
5	3735	5506	HWPC	120.4	8	5432	0	0	0
5	3735	5506	HWSH	4.7	46	273	0	0	0
5	3736	5347	CT	30.5	1961	239	7	0	0
5	3736	5348	HWSH	7.6	87	391	0	0	0
5	3736	5348	CC	0.2	8	7	0	0	0
5	3736	5349	HWSH	1.1	11	60	0	0	0
5	3736	5349	CC	11.6	301	636	8	26	0
5	3736	5350	HWSH	74	751	4159	0	0	0
5	3736	5351	HWSH	6.3	72	323	0	0	0
5	3736	5351	CC	19.5	874	1293	140	0	13

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
5	3736	5479	HWPC	177.8	891	8682	0	0	0
5	3736	5479	CC	3.2	132	40	2	0	0
5	3736	5481	CC	41.4	1489	2009	20	30	0
5	3737	5328	HWSH	0.1	0	3	0	0	0
5	3737	5328	HWPC	43.6	1	1008	0	0	0
5	3737	5329	HWPC	28.3	27	990	0	0	0
5	3737	5329	CC	17.4	98	1854	7	3	0
5	3737	5329	HWSH	8.7	0	534	0	0	0
5	3737	5345	HWSH	4.2	37	322	0	0	0
5	3737	5345	HWPC	182.3	913	7823	0	0	0
5	3737	5345	CC	13.4	129	1529	0	0	0
5	3737	5480	HWPC	81.2	27	4930	0	0	0
5	3738	5330	CC	12.3	242	731	11	4	0
5	3738	5330	HWSH	4.6	39	379	0	0	0
5	3738	5330	HWPC	89.8	0	5787	0	0	0
5	3740	5331	CC	0.3	11	3	31	0	1
5	3740	5331	HWPC	15.5	564	371	22	0	23
5	3740	5331	HWSH	2.1	25	142	1	0	2
5	3744	5333	CEPC	5.6	180	38	0	0	0
5	3744	5333	CC	21.9	621	1590	145	12	78
5	3836	5346	HWPC	1.2	7	51	0	0	0
5	3836	5346	CC	11.2	502	784	11	0	4
5	3837	5477	CC	11.4					
5	3837	5486	HWSH	11.8	100	662	0	0	0
5	3838	5343	CC	11.5	103	28	0	9	0
5	3838	5343	HWSH	22.7	1	1830	0	0	0
5	3838	5343	HWPC	6.8	27	385	0	0	0
5	3838	5364	HWPC	7.3	29	435	0	0	0
5	3839	5352	CC	12.9	490	1008	1	3	0
5	3844	5487	CC	18.9	752	1052	43	157	5
5	3844	5496	CC	66.4	11858	1874	0	0	0
5	3845	5353	HWSH	18.4	0	1050	28	0	55
5	3845	5354	HWPC	9.7	348	58	0	0	0
5	3845	5354	CC	0.1	2	4	1	0	0
5	3845	5355	CC	1.5	121	89	15	0	12
5	3845	5356	CC	1.9	136	139	16	0	22
5	3846	5334	CC	32.1	2099	933	49	89	35
5	3933	5497	CC	4.4	74	240	44	17	9
5	3937	5335	CT	48	2454	308	10	0	0
5	3937	5358	CT	33.6	1209	258	9	0	0
5	3937	5482	HWPC	14.9	98	487	0	0	0
5	3937	5482	CC	11.3	607	614	23	88	0
5	3938	5359	CT	3.3	118	25	1	0	0
5	3938	5359	CC	0.2	1	2	0	0	0
5	3938	5360	CC	22	2237	398	2	0	0
5	3938	5360	CT	34.1	1226	262	9	0	0
5	3938	5361	CC	6.6	236	872	7	0	0
5	3938	5361	HWPC	29.1	180	795	0	0	0
5	3938	5362	CC	17.8	2066	356	0	0	0
5	3938	5363	CC	61.5	10514	1653	0	0	0
5	3938	5365	CC	97	11302	2073	16	0	0
5	3938	5366	CC	48.2	8529	1460	11	0	0
5	3938	5367	CC	31.4	926	2700	26	19	0
5	3938	5489	CC	20.6	580	933	94	439	0
5	3938	5501	CT	2.6	156	0	0	0	0
5	3939	5369	CC	6.2	572	305	0	0	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd M3	Ced. M3	Pine M3	Hem M3
5	3939	5370	CC	10	794	291	0	0	0
5	3939	5371	CC	14	1797	270	36	10	0
5	3939	5372	CC	0.2	3	4	0	0	0
5	3939	5372	CT	62.2	3014	477	16	0	0
5	3939	5505	CC	4.4	749	116	0	0	0
5	3940	5373	CC	2	286	4	14	0	0
5	3940	5502	CC	4	710	111	0	0	0
5	3941	5374	HWPC	49.4	145	874	0	0	0
5	3942	5375	CC	3.5	221	329	8	0	0
5	3942	5375	HWSH	38.1	2	2610	0	0	38
5	3943	5376	CC	12.4	559	671	0	0	0
5	3943	5377	CC	4.8	859	134	0	0	0
5	3943	5378	CT	14.2	510	109	4	0	0
5	3943	5379	CT	4.6	166	36	1	0	0
5	3943	5514	HWPC	100.5	0	4160	0	0	0
5	3944	5380	CC	6.2	383	591	20	0	0
5	3944	5380	HWSH	186.8	0	12708	0	0	187
5	3944	5381	CC	13.6	1341	72	0	190	0
5	3944	5382	CC	15.7	1875	855	67	12	55
5	3944	5383	CC	9.9	377	413	39	40	20
5	3944	5384	CC	8.3	1312	199	0	0	0
5	3944	5385	CC	19.1	1013	784	96	57	38
5	3944	5386	CC	13.1	1985	319	0	0	0
5	3944	5387	HWSH	25.3	0	1735	0	0	25
5	3944	5388	HWSH	9.6	0	660	0	0	10
5	3944	5389	HWSH	9.9	0	676	0	0	10
5	4031	5357	CC	63.5	6862	572	64	445	0
5	4040	5342	CT	5.7	205	44	1	0	0
5	4040	5390	CT	10.4	375	80	3	0	0
5	4040	5391	CC	6.1	264	484	0	0	0
5	4040	5392	CC	66.6	7729	1333	0	0	0
5	4040	5478	CT	30.7	1105	236	8	0	0
5	4041	5393	CC	37.8	4194	493	0	0	0
5	4041	5394	CT	6.7	240	51	2	0	0
5	4041	5395	CT	5	179	38	1	0	0
5	4041	5396	CT	17.5	630	134	4	0	0
5	4041	5397	CC	0.6	45	62	1	0	0
5	4041	5397	CT	5.2	186	40	1	0	0
5	4041	5398	CC	11.9	1336	178	0	0	0
5	4041	5399	CT	9.2	331	71	2	0	0
5	4041	5400	CC	0.1	1	1	0	0	0
5	4041	5400	CT	39.8	1431	305	10	0	0
5	4041	5515	HWPC	287.3	32	12924	0	0	3
5	4041	5516	HWPC	98.5	0	4424	0	0	0
5	4041	5517	HWPC	220.4	11	10889	0	0	0
5	4042	5401	HWSH	35.6	0	2450	0	0	36
5	4042	5402	HWSH	17.2	0	1179	0	0	17
5	4042	5403	CT	5.4	194	41	1	0	0
5	4042	5404	CT	31.5	1135	242	3	0	0
5	4042	5405	HWSH	16.2	0	1113	0	0	16
5	4042	5407	CT	7.7	277	59	2	0	0
5	4042	5488	CT	27.5	990	211	7	0	0
5	4042	5518	HWPC	51.7	0	2951	0	0	0
5	4042	5519	HWPC	109.9	112	3990	0	0	37
5	4043	5338	CT	47.1	1705	363	12	0	0
5	4043	5406	CC	13.6	2182	332	0	0	0

Period	Map #	Block #	Px	Area	SPF M3	Hwd. M3	Ced. M3	Pine M3	Hem M3
5	4043	5408	CT	5.9	213	46	2	0	0
5	4043	5409	HWSH	44.3	0	3037	0	0	44
5	4043	5410	CT	18.7	674	143	5	0	0
5	4043	5411	CT	28.3	1019	217	7	0	0
5	4043	5491	CT	77.8	2878	574	19	0	0
5	4044	5412	CC	22.9	582	1564	0	0	23
5	4044	5413	HWSH	8.5	0	583	0	0	9
5	4044	5414	HWSH	37.7	0	2581	0	0	38
5	4044	5415	HWSH	42.7	0	2924	0	0	43
5	4140	5416	CC	88.4	14075	2279	0	0	0
5	4140	5417	CC	99.2	17725	2771	0	0	0
5	4140	5418	CC	41.2	7377	1154	0	0	0
5	4140	5420	CC	12.7	1472	254	0	0	0
5	4140	5422	CC	99.7	11058	1296	1	0	0
5	4141	5423	CC	0.2	1	1	0	0	0
5	4141	5423	CT	91.8	3313	704	23	0	0
5	4141	5424	CC	89.7	10061	1422	2	1	0
5	4141	5425	CC	11	44	1270	22	0	0
5	4141	5503	CC	54.6	6059	710	0	0	0
5	4142	3682	HWPC	47.3	339	1308	0	0	0
5	4142	5426	CC	6.9	965	316	0	0	0
5	4142	5427	CT	66.8	2406	513	17	0	0
5	4142	5429	CC	2	317	48	0	0	0
5	4142	5523	HWPC	75	3	3487	0	0	0
5	4142	5524	HWPC	59.1	19	2468	0	0	0
5	4142	5525	HWPC	171	25	7301	0	0	0
5	4143	5430	CC	0.3	27	20	3	0	0
5	4143	5430	CT	9	323	69	2	0	0
5	4143	5431	CC	29.5	1331	1618	0	0	1
5	4143	5433	CT	5.5	198	42	1	0	0
5	4143	5434	CC	32.1	1541	2489	31	0	20
5	4143	5435	HWSH	53.3	0	3538	0	0	53
5	4143	5435	CC	6.5	398	616	6	0	1
5	4143	5438	CC	0.2	3	5	0	0	0
5	4143	5438	CT	57.4	2072	440	15	0	0
5	4143	5439	CC	19.3	3447	539	0	0	0
5	4143	5440	CC	135.2	14939	3069	24	38	0
5	4143	5441	HWSH	35.2	0	2409	0	0	35
5	4143	5442	HWSH	27.1	0	1853	0	0	27
5	4143	5443	CT	43.6	1569	335	11	0	0
5	4143	5484	CC	13.2	94	1756	14	0	0
5	4143	5508	CT	18.9	682	145	5	0	0
5	4143	5520	HWPC	119.2	131	3044	0	0	0
5	4144	5437	CC	56.3	6262	1330	3	9	0
5	4241	5444	CC	48.3	3740	479	0	0	0
5	4241	5445	CC	0.1	1	1	0	0	0
5	4241	5445	CT	2.5	90	19	1	0	0
5	4241	5446	CC	22.6	2513	294	0	0	0
5	4241	5499	CC	41	4623	541	0	0	0
5	4241	5509	CT	5.8	210	45	1	0	0
5	4241	5510	CT	8.6	308	66	2	0	0
5	4242	5447	CC	9.6	414	757	0	0	0
5	4242	5448	CT	7.9	283	60	2	0	0
5	4242	5449	CC	1.2	48	17	4	11	1
5	4244	5500	CC	3.7	361	37	22	4	0
5	4341	5450	HWSH	20.4	0	1395	1	0	34

Period	Map #	Block #	Px	Area	SPF M3	Hwd M3	Ced. M3	Pine M3	Hem M3
5	4341	5451	CC	5.5					
5	4341	5498	CC	7.9	587	563	8	40	0
5	4341	5504	CC	91.9	9928	827	92	643	0
5	4342	5452	CC	6.1	1096	0	0	0	0
5	4342	5455	CC	1.4	165	33	18	4	3
5	4342	5511	CT	29.7	1070	228	8	0	0
5	4442	5457	HWSH	40.9	653	3302	20	0	82
5	4442	5458	CC	4.1	69	28	81	0	8
5	4442	5458	HWSH	46.7	782	3952	24	0	94
5	4442	5459	CC	18.3	2711	443	1	3	0
5	4442	5464	CT	8.8	318	68	2	0	0
5	4442	5492	HWPC	123.3	1442	1617	241	0	163
5	4541	5460	CC	13.1	3172	0	0	0	0
5	4541	5493	CC	34.6	941	2704	39	176	0
5	4541	5494	HWPC	37	0	704	0	0	0
5	4541	5512	CT	10.2	368	79	3	0	0
5	4542	5461	HWSH	34.5	0	1329	27	0	76
5	4542	5462	HWSH	10.8	0	615	16	0	32
5	4542	5463	CC	28.3	2830	2276	0	0	0
5	4542	5465	HWPC	45.2	1626	1265	226	0	181
5	4542	5521	HWPC	117.4	1111	2138	135	0	36
5	4543	5466	CC	97.2	17137	2704	0	5	0
5	4543	5467	CC	3	219	250	23	7	7
5	4543	5467	HWPC	4.2	110	80	0	0	0
5	4543	5468	CC	12	684	1132	88	7	68
5	4543	5468	HWSH	2.5	88	126	5	0	8
5	4641	5471	CC	10.3	890	550	190	12	50
5	4641	5471	HWPC	34	40	2878	34	0	0
5	4641	5471	HWSH	69	0	7076	35	0	138
5	4641	5472	HWSH	26.7	0	2743	13	0	53
5	4641	5522	HWPC	168.9	116	4140	152	0	0
5	4642	5469	CT	46.2	1664	355	12	0	0
5	4642	5469	CC	0.7	131	20	0	0	0
5	4642	5473	CC	1.6	164	63	23	2	5
5	4642	5473	HWPC	0.9	27	17	0	0	0
5	4642	5473	HWSH	100.4	0	5766	151	0	301
5	4642	5513	CT	27.7	996	213	7	0	0